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Historical Water Levels Summary

Yukon and Northwest Territories

Sommaire chronologique des niveaux d'eau

Yukon et Territoires du Nord-Ouest

TO/JUSQU'À 1987

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1988

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1988

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89-02335/



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Published by authority of
the Minister of the Environment

Publié avec l'autorisation
du ministre de l'Environnement

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Cat. No. En 36-409/8-1987

ISBN 0-662-56397-2

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N° de cat. En 36-409/8-1987

ISBN 0-662-56397-2

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chefs des programmes des T.N.-O. Yellowknife (T.N.-O) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean water levels and annual extremes of water levels for lakes and rivers in the Yukon and Northwest Territories for which water level data to 1987 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Water level data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Chief, N.W.T. Programs, Inland Waters Directorate, Department of the Environment, P.O. Box 2970, Yellowknife, N.W.T. X1A 2R2 (403 920-8500)	Regional Chief, Water Resources Branch, Department of the Environment, Room 502, 1001 West Pender Street, Vancouver, B.C. V6E 2M9 (604 666-3606)
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or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles des niveaux d'eau et des extrêmes annuels de lacs et de cours d'eau du Yukon et des Territoires du Nord-Ouest, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1987 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur les niveaux d'eau sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O. Direction générale des eaux intérieures Ministère de l'Environnement C.P. 2970 Yellowknife (T.N.-O.) X1A 2R2 (403 920-8500)	Chef régional Direction des ressources en eau Ministère de l'Environnement 502-1001, rue Pender ouest Vancouver (C.-B.) V6E 2M9 (604 666-3606)
--	--

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation as early as 1934, but it was not until 1944 that the Dominion Water and Power Bureau of the Federal Government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the Federal Government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

CO-OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies which have contributed data for publication are identified herein under individual stations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris son programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1^{er} avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km² (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m² (square metres)
1 ha (hectare) equals 2.4710 acres
1 km² (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m³ (cubic metre)
1 m³ (cubic metre) equals 35.315 cubic feet
1 dam³ (cubic decametre) equals 1000 m³ (cubic metres)
1 dam³ (cubic decametre) equals 1 mm (millimetre) over 1 km² (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam³ (cubic decametres)
1 m³/s (cubic metre per second) for one day equals 86.4 dam³ (cubic decametre)
1 m³/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m³/s (cubic metre per second)
1 m³/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km² (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m² (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km² (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impériaux
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m³ (mètre cube)
1 m³ (mètre cube) vaut 35.315 pieds cubes
1 dam³ (décamètre cube) vaut 1000 m³ (mètres cubes)
1 dam³ (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km² (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam³ (décamètres cubes)
1 m³/s (mètre cube par seconde) pour un jour vaut 86.4 dam³ (décamètre cube)
1 m³/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m³/s (mètre cube par seconde)
1 m³/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual *Surface Water Data* publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual *Surface Water Data* publications). Data are published by

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant

province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par une Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

EXPLANATION OF HISTORICAL WATER LEVELS SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean water levels. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical water level data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Water Levels Summary publications contain data for both active and discontinued water level stations and do not contain any discharge data. These publications will be published every two years and will contain data for all water level stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic water level data have been obtained, the following are given for the period of record to 1987 inclusive:

1. Summary of monthly and annual mean water levels;
2. Annual maximum instantaneous water levels;
3. Annual maximum and minimum daily water levels;
4. Identification of the extreme recorded for the period of record;
5. Datum to which water levels are referred.

The following standard symbols are used opposite the daily stage to which they apply. These symbols will not appear opposite the monthly and annual mean water levels, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A - Manual Gauge - indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted.

EXPLICATION DU SOMMAIRE CHRONOLOGIQUE DES NIVEAUX D'EAU

A. Description générale

On trouve les renseignements descriptifs pour une station des relevés des niveaux d'eau, sous l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur les niveaux d'eau, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique des niveaux d'eau* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le débit n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés des niveaux d'eau pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique des niveaux d'eau, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1987 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Le plan de référence auquel les niveaux d'eau sont reportés.

Les symboles normalisés donnés ci-après sont inscrits à côté des niveaux d'eau quotidiens auxquels ils se rapportent. Les symboles ne sont fournis ni avec les niveaux d'eau moyens mensuels, ni avec les niveaux d'eau moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles.

A - Jauge manuelle - indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical data base after January 1, 1986.

1. *The summary of monthly and annual mean water levels gives:*

- (a) the monthly mean in metres for each month for which there is a complete month of daily water levels. Records of daily water levels for partial months, if obtained, are published in annual publications or are available from the Regional Chief;
- (b) the annual mean water level in metres if there are daily water levels for the complete year;
- (c) the mean of all the monthly means;
- (d) the mean of all the annual means.

2. *The annual maximum instantaneous water level in metres is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.*

3. *The annual maximum and minimum daily water levels in metres are given for each year where daily water levels have been obtained for the entire year or where they are considered to be valid for the year even though some daily water levels are missing.*

4. *The extreme recorded for the period of record is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.*

5. *The datum to which the water levels are referred is shown following both the "Summary of Monthly and Annual Mean Water Levels" table; and the "Annual Extremes of Water Levels" table. If the water levels are referenced to a second datum, this datum is also shown with the conversion factor.*

Occasionally, the water level records at a station are collected for two or more periods for which the water levels cannot be referenced to a common datum. In this case, the datum to which the water levels are referred is shown following each period, and a message is printed at the bottom of the tables, indicating that the water levels are referred to several unrelated datums.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des après le 1^{er} janvier 1986.

1. *L'extrait des moyennes mensuelles et annuelles (The summary of monthly and annual mean water levels) donne:*

- (a) la moyenne mensuelle, exprimée en mètres, des valeurs quotidiennes des niveaux d'eau pour le mois entier. Pour les stations où on n'a mesuré les niveaux d'eau quotidiens que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;
- (b) la moyenne annuelle, en mètres, pour les stations où on a obtenu des relevés quotidiens pour une année entière;
- (c) la moyenne de toutes les moyennes mensuelles;
- (d) la moyenne de toutes les moyennes annuelles.

2. *Le tableau des valeurs annuelles maximales instantanées (The annual maximum instantaneous water level), exprimées en mètres, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant les niveaux quotidiens.*

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles (The annual maximum and minimum daily water levels), exprimées en mètres, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière, les valeurs sont fournies si elles sont valables pour l'année en cause.*

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.*

5. *Le plan de référence auquel les niveaux d'eau sont reportés est fourni à la suite de l'extrait des moyennes mensuelles et annuelles et du tableau des valeurs extrêmes. Si les niveaux d'eau ont trait à un deuxième plan de référence, ce dernier est également indiqué même que la constante de conversion.*

Il arrive que les relevés des niveaux d'eau effectués à une station s'appliquent à plus d'une période d'observation de sorte qu'ils ne peuvent être reportés à un même plan de référence. En pareil cas, le plan de référence auquel les niveaux d'eau sont reportés est fourni pour chacune des périodes d'observation et un message imprimé à la suite des tableaux indique que les niveaux d'eau ont trait à plusieurs plans de référence différents.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data (water level data) referred to herein depends upon the type of gauge, stability of gauge, accuracy of observation, measurement of reference datum, computation procedures and interpretation of records. Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A and E. In general, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only (especially for small or flashy streams) or those obtained by estimation.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisés. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques (données sur le niveau des eaux) dont on parle ici, sont basés sur le type de jauge, la stabilité de la jauge, la précision des observations, la mesure de la donnée de référence, l'évaluation des procédés et l'interprétation des chiffres. À cause de toutes ces variables, on a normalisé, pour des fins d'uniformité de présentation, le nombre de chiffres significatifs, mais ceci ne reflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A et E. En général, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus exactes que celles qui sont obtenues par estimation ou qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

WATER LEVEL DATA/DONNÉES SUR LES NIVEAUX D'EAU

1

YUKON TERRITORY

AISHINIK LAKE NEAR WHITEHORSE - STATION NO. 08AA005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	2.588	2.524	2.578	2.708	3.068	3.243	---	---	---	2.928	2.844	---	1972
1973	2.785	2.723	2.873	2.631	2.880	2.820	3.155	3.318	3.349	3.203	3.037	2.945	2.945	1973
1974	2.853	2.777	2.728	2.671	2.780	3.045	3.271	3.488	3.857	3.609	3.822	3.812	3.189	1974
1975	3.998	3.884	3.828	3.801	3.828	3.891	4.024	3.858	3.788	3.815	3.854	3.488	3.872	1975
1976	3.378	3.291	3.155	3.018	3.103	3.452	3.854	3.480	---	---	3.488	3.338	---	1976
1977	3.197	3.070	2.960	2.855	2.837	3.038	3.309	3.470	3.382	3.321	3.178	2.850	3.127	1977
1978	2.702	2.491	2.319	2.148	2.144	2.384	2.888	2.893	2.826	2.882	2.799	2.831	2.850	1978
1979	2.407	2.232	2.033	1.854	2.009	2.138	2.378	2.473	2.478	2.468	2.398	2.284	2.284	1979
1980	2.164	1.985	1.815	1.725	1.789	1.878	1.852	1.828	1.838	1.851	1.808	1.878	1.848	1980
1981	1.488	1.388	1.288	1.178	1.197	1.378	1.540	1.818	1.838	1.884	1.852	1.850	1.483	1981
1982	---	1.247	---	---	1.078	1.844	1.888	2.232	2.383	2.400	2.385	2.284	---	1982
1983	2.226	2.173	2.151	2.115	2.259	2.552	2.800	2.977	3.183	3.204	3.178	3.152	2.885	1983
1984	3.057	2.958	2.871	2.843	2.880	3.018	3.288	3.417	3.541	3.578	3.578	3.538	3.213	1984
1985	3.437	3.337	3.098	2.843	2.808	2.880	2.788	2.832	3.001	3.141	3.154	3.073	2.995	1985
1986	3.063	2.885	2.879	2.828	2.817	3.283	3.487	3.827	3.824	3.825	3.478	3.343	3.234	1986
1987	3.192	3.038	2.841	2.826	2.852	2.857	3.803	2.838	3.128	3.221	3.187	3.047	2.934	1987
MEAN	2.823	2.817	2.898	2.484	2.448	2.878	2.878	2.848	2.987	2.978	2.980	2.859	2.775	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT. 51 11 53 N
LONG 138 59 53 W REGULATED SINCE 1974

AISHINIK LAKE NEAR WHITEHORSE - STATION NO. 08AA005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1972	3.350 AT 1830 YST ON AUG 8	3.288 ON AUG 8	2.880 ON APR 18	1972
1973	3.411 AT 0800 YST ON SEP 8	3.392 ON SEP 3	2.821 ON APR 18	1973
1974	3.882 AT 0030 YST ON NOV 10	3.842 ON NOV 10	2.643 ON APR 24	1974
1975	4.103 AT 1800 YST ON JUL 22 *	4.078 ON JUL 22 *	3.423 ON DEC 31	1975
1976	3.881 AT 2247 YST ON JUL 18	3.884 ON JUL 18	2.887 ON APR 28	1976
1977	3.458 AT 1800 YST ON AUG 24	3.441 ON AUG 24	2.819 ON MAY 1	1977
1978	2.828 AT 0230 YST ON OCT 8	2.858 ON OCT 18	2.073 ON MAY 2	1978
1979	2.834 AT 0005 YST ON JAN 1	2.833 ON JAN 1	1.801 ON APR 28	1979
1980	2.228 AT 0548 YST ON JAN 1	2.227 ON JAN 1	1.880 ON DEC 31	1980
1981	1.718 AT 0242 YST ON OCT 25	1.888 ON OCT 28	1.112 ON MAY 1	1981
1982	3.438 AT 1842 YST ON OCT 15	2.422 ON OCT 5	0.973 ON MAY 10 *	1982
1983	3.270 AT 0015 YST ON OCT 3	3.260 ON OCT 3	3.103 ON APR 24	1983
1984	3.820 AT 0325 YST ON OCT 28	3.812 ON OCT 28	2.830 ON APR 8	1984
1985	3.485 AT 0005 YST ON JAN 1	3.4912 ON JAN 1	3.581 ON MAY 23	1985
1986	3.588 AT 0617 YST ON SEP 3	3.588 ON AUG 28	2.809 ON APR 28	1986
1987	3.288 AT 0428 YST ON JAN 3	3.287 ON JAN 3	2.627 ON MAY 5	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

BENNETT LAKE AT CARCROSS - STATION NO. 09AA004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	1.759	---	1.982	1.705	1.373	1.487	---	1947
1948	1.481	1.458	1.390	1.296	---	---	---	---	---	---	---	1.471	---	1948
1949	1.502	1.515	1.475	1.428	---	---	---	---	---	---	1.780	1.517	---	1949
1950	1.442	---	---	---	---	---	---	---	2.013	1.515	1.241	1.348	---	1950
1951	1.387	1.347	1.285	1.235	1.280	1.281	1.798	2.113	2.095	1.513	1.198	1.251	1.430	1951
1952	1.064	1.273	1.283	1.205	---	---	---	---	2.838	2.407	2.185	1.831	1.580	1952
1953	1.453	1.388	1.270	1.197	1.218	1.876	2.858	3.128	2.751	1.949	1.346	1.081	1.799	1953
1954	1.223	1.280	1.184	1.019	1.088	1.958	2.291	2.440	2.138	1.581	1.204	1.194	1.544	1954
1955	1.118	1.040	0.908	0.778	0.731	1.075	2.185	2.287	1.817	1.405	1.202	1.182	1.311	1955
1956	1.185	1.087	0.931	0.808	0.774	1.088	1.805	2.008	2.083	1.850	---	---	---	1956
1957	---	---	---	---	---	---	2.532	---	---	---	---	---	---	1957
1958	---	---	---	0.841	0.888	1.815	2.048	2.297	1.928	1.418	---	---	---	1958
1959	---	---	---	0.702	0.788	1.830	2.591	2.432	1.832	1.440	1.272	1.215	---	1959
1960	---	---	---	---	0.943	1.512	2.102	2.580	---	---	---	---	---	1960
1961	---	---	---	0.898	0.854	1.749	2.520	3.038	2.828	---	---	---	---	1961
1962	---	---	---	---	---	---	2.302	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	1.221	---	---	3.841	---	---	---	---	1964
1965	---	---	---	---	---	---	2.522	2.827	2.382	---	---	---	---	1965
1966	---	---	---	---	---	---	1.521	---	---	---	---	---	---	1966
1967	---	---	---	---	---	0.953	1.773	2.211	2.118	---	---	---	---	1967
1968	---	---	---	---	0.232	0.930	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	1.074	1.838	2.304	2.298	1.895	1.281	---	---	1969
1970	---	---	---	0.238	---	---	2.389	2.397	2.295	---	---	1.888	---	1970
1971	1.277	1.007	0.897	0.581	---	1.050	1.879	1.852	1.823	1.917	---	---	---	1971
1972	---	---	0.824	0.388	0.178	0.937	2.082	2.890	2.737	2.110	1.808	1.831	1.487	1972
1973	---	1.187	0.881	0.488	0.311	1.230	1.851	2.498	2.530	2.121	1.918	---	---	1973
1974	---	---	---	0.488	0.353	0.813	1.743	2.188	2.033	1.840	---	---	---	1974
1975	---	---	---	0.388	0.301	0.887	1.538	2.145	2.391	2.180	2.018	1.884	---	1975
1976	---	1.389	1.142	0.781	0.573	1.058	2.818	2.740	2.852	2.453	2.252	2.225	---	1976
1977	2.083	1.879	1.889	1.081	0.872	1.202	2.270	2.823	2.488	2.397	2.322	2.214	1.900	1977
1978	2.048	1.828	1.513	0.875	0.827	1.482	2.418	2.929	2.688	2.320	2.240	2.084	1.828	1978
1979	1.780	1.488	1.123	0.742	0.581	1.275	1.788	3.188	2.253	2.317	2.098	1.923	1.828	1979
1980	1.701	1.407	1.037	0.808	0.492	1.137	3.401	2.885	2.837	2.418	2.294	2.270	1.784	1980
1981	2.088	1.781	1.381	0.827	0.688	1.288	2.287	2.888	2.200	2.298	2.108	1.882	1.837	1981
1982	---	---	1.482	1.088	0.840	1.511	3.808	3.023	3.108	2.880	---	---	---	1982
1983	---	---	---	---	0.738	1.107	1.948	2.238	2.348	2.207	2.058	1.838	---	1983
1984	---	---	---	0.478	0.810	1.279	1.918	2.188	2.114	2.138	---	---	---	1984
1985	1.888	1.270	0.819	0.582	0.488	0.833	1.470	1.887	2.010	2.104	2.081	1.817	1.421	1985
1986	1.584	1.288	0.953	0.805	0.325	0.944	1.907	2.283	2.183	2.111	1.973	1.752	1.482	1986
1987	1.488	1.238	1.008	0.858	0.434	1.181	2.317	2.893	2.284	2.288	2.270	2.110	1.887	1987
1988	1.808	1.481	1.051	0.888	0.421	---	---	---	2.407	2.339	2.218	2.018	---	1988
MEAN	1.538	1.377	1.149	0.778	0.847	1.380	2.100	2.473	2.323	2.008	1.785	1.887	1.837	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 883.793 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1948 ADJ.)

LOCATION - LAT 60 09 50 N

LONG 134 42 27 W

NATURAL FLOW

YUKON TERRITORY

3

BENNETT LAKE AT CARCROSS - STATION NO. 09AA004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1947	---	2.210 ON AUG 2	---	1947
1948	---	---	---	1948
1949	---	---	1.087 ON MAY 18	1949
1950	---	---	0.914 ON JUN 4	1950
1951	---	2.182 ON SEP 8	1.143 ON MAY 31	1951
1952	---	2.788 ON AUG 18	0.828 ON MAY 20	1952
1953	---	3.182 ON AUG 18	1.015 ON DEC 8	1953
1954	---	2.518 ON AUG 12	0.978 ON MAY 8	1954
1955	---	2.463 ON AUG 2	0.710 ON MAY 9	1955
1956	---	2.188 ON AUG 31	0.710 ON MAY 10	1956
1957	---	2.743 ON AUG 18	---	1957
1958	---	2.332 ON AUG 13	0.788 ON APR 26	1958
1959	---	2.637 ON JUL 13	0.810 ON MAY 10	1959
1960	---	2.867 ON AUG 18	0.718 ON MAY 3	1960
1961	---	3.197 ON AUG 28	0.804 ON APR 23	1961
1962	---	2.780 ON AUG 30	0.573 ON MAY 10	1962
1963	---	2.802 ON SEP 15	0.351 ON APR 26	1963
1964	---	2.911 ON AUG 7	0.285 ON MAY 4	1964
1965	---	2.128 ON AUG 20	0.177 ON APR 19	1965
1966	---	2.271 ON AUG 27	0.079 ON APR 27 *	1966
1967	---	---	---	1967
1968	2.408 AT 1030 YST ON SEP 11	2.393 ON SEP 10	---	1968
1969	2.490 AT 1000 YST ON AUG 10	2.460 ON AUG 10	0.198 ON MAY 8	1969
1970	2.045 AT 1817 YST ON AUG 15	2.036 ON AUG 14	0.344 ON MAY 11	1970
1971	3.084 AT 1610 YST ON AUG 19	3.091 ON AUG 23	0.148 ON MAY 11	1971
1972	2.719 AT 1030 YST ON AUG 27	2.691 ON AUG 28	0.238 ON MAY 7	1972
1973	2.207 AT 0253 YST ON AUG 14	2.196 ON AUG 27	0.283 ON MAY 13	1973
1974	2.428 AT 2219 YST ON SEP 5	2.420 ON SEP 5	0.213 ON MAY 7	1974
1975	2.847 AT 1154 YST ON JUL 25	2.844 ON JUL 25	0.539 ON MAY 10	1975
1976	2.707 AT 0000 YST ON AUG 28	2.701 ON AUG 24	0.818 ON MAY 25	1976
1977	3.072 AT 0808 YST ON AUG 28	3.0878 ON AUG 28	0.578 ON MAY 17	1977
1978	2.387 AT 2225 YST ON OCT 20	2.380 ON OCT 20	0.824 ON MAY 8	1978
1979	---	2.9178 ON AUG 27	0.841 ON MAY 23	1979
1980	---	2.981 ON AUG 4	0.325 ON MAY 9	1980
1981	3.228 AT 0440 YST ON SEP 15 *	3.225 ON SEP 12 *	0.738 ON MAY 7	1981
1982	2.428 AT 2347 YST ON SEP 15	2.420 ON SEP 18	0.849 ON JUN 5	1982
1983	2.229 AT 0241 YST ON AUG 27	2.227 ON AUG 28	0.350 ON MAY 10	1983
1984	---	2.2038 ON OCT 23	0.388 ON MAY 7	1984
1985	3.378 AT 1832 YST ON AUG 18	2.382 ON AUG 20	0.287 ON MAY 21	1985
1986	2.782 AT 1444 YST ON AUG 18	2.783 ON AUG 15	0.384 ON MAY 18	1986
1987	---	---	0.338 ON MAY 18	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 883.793 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1948 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	2.173	2.088	1.801	---	---	1975
1976	---	---	0.850	---	---	3.718	3.783	2.463	1.977	---	---	1.198	---	1976
1977	1.070	1.038	0.952	0.970	2.271	3.837	3.228	2.592	2.195	2.045	1.854	1.184	1.914	1977
1978	1.000	0.973	0.893	0.898	1.881	3.344	3.120	2.858	2.014	1.873	1.578	1.331	1.784	1978
1979	---	---	---	0.838	1.700	4.033	3.477	2.818	1.830	1.742	1.508	1.208	---	1979
1980	1.033	0.986	0.895	0.917	1.914	3.188	2.972	2.488	2.177	2.283	1.776	1.284	1.787	1980
1981	1.122	0.985	0.948	0.935	3.287	3.538	2.800	2.011	2.087	1.885	1.828	1.272	1.782	1981
1982	---	---	---	---	1.920	3.338	2.981	1.901	1.818	1.707	---	---	---	1982
1983	---	---	---	---	1.818	3.726	2.808	2.458	2.811	1.989	1.488	1.103	---	1983
1984	0.981	0.915	0.933	0.966	1.784	3.332	3.188	2.495	2.324	1.727	1.325	1.148	1.787	1984
1985	1.034	0.950	0.920	0.934	1.811	3.782	3.480	2.550	2.234	1.941	1.439	1.239	1.839	1985
1986	1.058	0.974	0.928	0.915	1.802	3.814	---	---	---	---	1.879	1.372	---	1986
1987	1.181	1.081	0.981	0.928	1.801	3.543	3.183	2.281	2.318	2.143	1.889	1.345	1.888	1987
MEAN	1.055	0.980	0.920	0.933	1.808	3.599	3.102	2.409	2.134	1.943	1.584	1.241	1.820	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 729.821 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 61 23 30 N

LONG 129 37 40 W

NATURAL FLOW

YUKON TERRITORY

FRANCES LAKE AT KILOMETRE 171 & ROBERT CAMPBELL HIGHWAY - STATION NO. 1048002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	4.517 AT 2038 YST ON JUL 5 *	4.508 ON JUL 5 *	---	1976
1977	3.841 AT 2310 YST ON JUN 8	3.929 ON JUN 8	0.814E ON MAR 22	1977
1978	3.572 AT 2245 YST ON JUN 10	3.572 ON JUN 10	0.883 ON APR 5 *	1978
1979	4.255 AT 0417 YST ON JUN 11	4.253 ON JUN 11	---	1979
1980	3.526 AT 1255 YST ON JUN 12	3.520 ON JUN 12	0.875 ON MAR 14	1980
1981	4.259 AT 1245 YST ON JUN 1	4.247 ON JUN 1	0.920 ON APR 15	1981
1982	3.830 AT 1221 YST ON JUN 15	3.810 ON JUN 15	---	1982
1983	3.972 AT 1920 YST ON JUN 4	3.968 ON JUN 5	---	1983
1984	3.847 AT 1811 YST ON JUN 15	3.843 ON JUN 15	0.891 ON FEB 15	1984
1985	4.372 AT 1211 YST ON JUN 8	4.367 ON JUN 8	0.808 ON FEB 11	1985
1986	4.110 AT 1228 YST ON JUN 22	4.108 ON JUN 11	0.881 ON APR 14	1986
1987	3.883 AT 1111 YST ON JUN 7	3.874 ON JUN 7	0.922 ON APR 23	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 729.821 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

A - MANUAL GAUGE

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

(SEE REFERENCE INDEX)

KLUANE LAKE NEAR BURWASH LANDING - STATION NO. 08CA001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	3.358	3.139	2.932	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	1985
1986	---	---	---	---	---	---	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	---	---	---	---	---	---	---	---	1987
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 777.304 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1943 ADJ.)

LOCATION - LAT 61 03 18 N

LONG 136 30 12 W

NATURAL FLOW

YUKON TERRITORY

5

KLUANE LAKE NEAR BURWASH LANDING - STATION NO. 09CA001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1953	---	3.455 ON JUL 7	---	1953
1954	---	---	---	1954
1957	---	4.398 ON AUG 18	---	1957
1961	3.801 AT 2100 YST ON AUG 5	3.770 ON AUG 7	---	1961
1962	4.197 AT 1800 YST ON AUG 18	4.188 ON AUG 17	---	1962
1964	4.081 AT 1900 YST ON AUG 7	4.075 ON AUG 8	---	1964
1965	3.731 AT 1200 YST ON AUG 24	3.722 ON AUG 25	---	1965
1966	4.279 AT 1815 YST ON AUG 10	4.248 ON AUG 10	2.385 ON MAY 5	1966
1967	3.688 AT 1715 YST ON JUN 26	3.652 ON JUN 26	2.271 ON DEC 12	1967
1968	3.725 AT 1900 YST ON JUL 19	3.719 ON JUL 18	---	1968
1969	4.185 AT 2015 YST ON AUG 7	4.121 ON AUG 8	2.344 ON MAY 7	1969
1970	3.322 AT 16 ⁰⁴ YST ON JUL 30	3.318 ON JUL 30	2.188 ON APR 30	1970
1971	4.508 AT 0230 YST ON AUG 15 *	4.502 ON AUG 15 *	2.280 ON JAN 4	1971
1972	4.240 AT 1840 YST ON AUG 10	4.240 ON AUG 10	2.328 ON APR 18	1972
1973	3.880 AT 0210 YST ON AUG 14	3.850 ON AUG 14	2.178 ON APR 29	1973
1974	4.228 AT 1950 YST ON AUG 19	4.170 ON AUG 19	2.332 ON FEB 15	1974
1975	3.972 AT 0355 YST ON AUG 11	3.988 ON AUG 11	2.131 ON APR 30	1975
1976	3.944 AT 1200 YST ON AUG 10	3.941 ON AUG 10	2.248 ON APR 25	1976
1977	3.841 AT 2000 YST ON AUG 24	3.838 ON AUG 24	---	1977
1978	4.231 AT 2200 YST ON AUG 17	4.208 ON AUG 18	2.187 ON APR 28	1978
1979	4.217 AT 0450 YST ON AUG 28	4.185 ON AUG 21	2.252 ON APR 18	1979
1980	---	---	---	1980
1981	3.910 AT 1751 YST ON AUG 12	3.901 ON AUG 12	2.078 ON APR 24	1981
1982	3.983 AT 0240 YST ON AUG 12	3.939 ON AUG 11	2.140 ON MAY 5	1982
1983	---	---	2.039 ON APR 25	1983
1984	3.784 AT 1911 YST ON AUG 12	3.773 ON AUG 13	2.087 ON APR 29	1984
1985	3.844 AT 1424 YST ON AUG 17	3.829 ON AUG 18	2.009 ON MAY 7 *	1985
1986	4.088 AT 0753 YST ON AUG 13	4.051 ON AUG 7	2.107 ON APR 30	1986

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 777.304 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1943 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KUSAWA LAKE NEAR WHITEHORSE - STATION NO. 09AC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	3.003	2.898	---	1.554	---	---	---	1953
1954	---	---	---	---	---	---	2.321	2.387	1.925	1.489	---	---	---	1954
1956	---	---	---	---	---	---	2.289	2.330	---	---	---	---	---	1956
1958	---	---	---	---	---	---	2.434	2.280	1.719	1.252	---	---	---	1958
1959	---	---	---	---	---	2.112	2.897	2.172	1.703	---	---	---	---	1959
1960	---	---	---	---	---	1.709	2.444	2.521	1.897	1.425	---	---	---	1960
1962	---	---	---	---	---	---	3.729	2.497	2.078	1.895	---	---	---	1962
1963	---	---	---	---	---	1.875	2.747	---	2.312	1.857	---	---	---	1963
1964	---	---	---	---	---	---	2.517	---	---	---	---	---	---	1964
1965	---	---	---	---	---	1.295	2.383	2.301	1.921	1.457	---	---	---	1965
1966	---	---	---	---	---	1.731	2.582	2.345	1.674	1.587	1.186	0.903	---	1966
1967	0.737	0.885	0.813	0.570	---	---	2.514	2.417	2.323	1.808	1.228	0.854	---	1967
1968	---	---	---	---	---	---	---	---	2.135	---	---	---	---	1968
1969	---	---	---	---	---	2.285	2.502	---	---	1.574	1.245	1.005	---	1969
1970	0.827	0.723	0.850	0.812	0.717	1.444	2.025	2.100	1.713	1.387	1.181	0.920	1.193	1970
1971	0.748	---	---	0.888	0.803	1.507	2.693	2.800	2.020	1.432	1.042	0.840	---	1971
1972	---	---	0.808	0.871	0.882	1.878	2.572	2.558	---	---	1.119	0.898	---	1972
1973	0.729	0.882	0.808	0.872	0.857	1.285	2.387	2.310	1.787	1.328	---	0.787	---	1973
1974	---	---	0.822	0.878	0.885	1.580	2.299	2.443	2.245	1.893	1.317	1.085	---	1974
1975	---	0.713	0.879	0.840	0.782	---	---	2.308	2.152	1.884	1.292	0.993	---	1975
1976	0.813	0.708	0.852	0.815	0.735	1.547	2.631	2.413	1.898	1.895	1.308	1.072	1.344	1976
1977	0.897	0.778	0.894	0.893	0.748	1.898	2.702	2.889	2.081	1.520	1.123	0.888	1.392	1977
1978	0.727	0.848	0.882	0.884	0.892	1.782	---	---	---	---	---	0.928	---	1978
1979	0.753	0.818	0.859	0.853	0.840	1.778	2.789	2.474	2.124	1.882	1.289	0.884	1.372	1979
1980	0.817	0.740	0.888	0.893	0.715	2.059	2.819	2.352	1.811	1.873	1.329	0.890	1.357	1980
1981	0.882	0.812	0.748	0.894	0.951	2.131	2.808	2.808	2.273	1.777	1.417	1.093	1.494	1981
1982	0.867	0.748	0.871	0.805	0.840	1.783	2.559	2.430	2.035	1.840	1.281	0.997	1.385	1982
1983	0.818	0.741	0.878	0.831	0.828	1.894	2.588	2.257	1.828	1.391	1.049	0.831	1.305	1983
1984	0.894	0.897	0.871	0.889	0.895	1.443	2.138	2.284	1.874	1.394	1.038	0.829	1.173	1984
1985	0.768	0.853	0.819	0.891	0.887	1.444	2.848	2.377	1.882	1.408	1.034	0.847	1.245	1985
1986	0.741	0.888	0.834	0.804	0.880	1.801	2.887	2.482	1.879	1.952	1.274	1.013	1.347	1986
MEAN	0.788	0.897	0.838	0.800	0.722	1.727	2.539	2.411	1.979	1.882	1.204	0.939	1.328	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT. 60 35 15 N
LONG 138 08 38 W NATURAL FLOW

YUKON TERRITORY

KUSAWA LAKE NEAR WHITEHORSE - STATION NO. 09AC005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1953	3.197 AT 1820 YST ON JUL 4 *	3.191 ON JUL 4 *	---	1953
1954	2.521 AT 1720 YST ON AUG 12	2.499 ON AUG 12	---	1954
1955	2.539 AT 1700 YST ON JUL 22	2.521 ON JUL 23	---	1955
1956	2.545 AT 1200 YST ON JUL 18	2.509 ON JUL 10	---	1956
1959	2.008 AT 1400 YST ON JUN 28	2.999 ON JUN 29	---	1959
1960	2.952 AT 1500 YST ON AUG 15	2.843 ON AUG 15	---	1960
1962	2.902 AT 1800 YST ON JUL 11	2.880 ON JUL 11	---	1962
1963	3.011 AT 1800 YST ON JUL 17	2.993 ON JUL 17	---	1963
1964	---	---	---	1964
1965	2.891 AT 2100 YST ON JUL 17	2.874 ON JUL 18	---	1965
1966	2.780 AT 1748 YST ON JUL 28	2.788 ON JUL 27	---	1966
1967	2.917 AT 1140 YST ON JUN 28	2.908 ON JUN 28	0.555 ON APR 1	1967
1968	---	---	---	1968
1969	2.957 AT 1600 YST ON JUN 22	2.944 ON JUN 22	---	1969
1970	2.295 AT 1734 YST ON AUG 5	2.277 ON AUG 5	0.804 ON APR 5	1970
1971	3.038 AT 2130 YST ON AUG 5	3.021 ON AUG 5	0.549 ON APR 24	1971
1972	2.704 AT 1332 YST ON JUL 14	2.894 ON JUL 14	0.555 ON APR 28	1972
1973	2.530 AT 1915 YST ON JUL 29	2.524 ON JUL 31	0.555 ON APR 21	1973
1974	2.524 AT 1530 YST ON AUG 8	2.505 ON AUG 9	---	1974
1975	3.188 AT 1827 YST ON JUL 15	3.179 ON JUL 15	0.837 ON APR 5	1975
1976	2.743 AT 1848 YST ON JUL 13	2.734 ON JUL 14	0.804 ON APR 22	1976
1977	2.893 AT 1200 YST ON JUL 21	2.890 ON JUL 21	0.846 ON APR 15	1977
1978	---	---	0.552 ON APR 15	1978
1979	2.900 AT 2001 YST ON JUL 22	2.889 ON JUL 12	0.824 ON APR 1 *	1979
1980	2.997 AT 1803 YST ON JUL 27	2.983 ON JUL 28	0.580 ON APR 15	1980
1981	2.793 AT 1812 YST ON JUL 25	2.785 ON JUL 25	0.873 ON APR 11	1981
1982	2.850 AT 1800 YST ON JUL 10	2.835 ON JUL 11	0.574 ON MAY 1	1982
1983	2.788 AT 1807 YST ON JUL 8	2.751 ON JUL 8	0.517 ON APR 21	1983
1984	2.494 AT 0130 YST ON AUG 15	2.489 ON AUG 15	0.580 ON APR 8	1984
1985	2.893 AT 1811 YST ON JUL 22	2.871 ON JUL 22	0.578 ON APR 25	1985
1986	3.191 AT 2205 YST ON JUL 23	3.181 ON JUL 23	0.584 ON APR 25	1986

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE LABERGE NEAR WHITEHORSE - STATION NO. 09AB010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	8.398	8.010	7.570	7.278	6.398	---	1980
1981	---	---	---	---	8.801	7.474	8.357	8.744	8.748	8.385	7.387	6.435	---	1981
1982	---	---	---	6.299	5.315	6.908	---	---	---	7.597	---	6.270	---	1982
1983	8.233	8.280	8.391	8.159	8.200	8.883	7.952	8.148	7.829	8.892	8.497	8.278	8.818	1983
1984	8.287	8.200	8.131	8.118	8.135	8.473	7.298	7.723	7.859	8.783	8.381	8.323	8.527	1984
1985	8.232	8.172	8.173	8.151	8.143	8.810	7.772	8.385	7.750	8.982	8.390	8.253	8.754	1985
1986	8.182	8.094	8.058	8.117	8.707	8.745	8.258	8.840	8.283	7.381	8.950	8.532	8.972	1986
1987	8.400	8.380	8.230	8.205	8.289	8.884	7.538	8.321	8.205	7.824	8.804	8.451	8.921	1987
MEAN	8.257	8.221	8.185	8.174	8.287	8.811	7.994	8.382	8.087	7.399	8.809	8.388	8.818	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 61 05 25 N
LONG 135 11 57 W REGULATED SINCE 1925

LAKE LABERGE NEAR WHITEHORSE - STATION NO. 09AB010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	8.432 AT 1000 YST ON AUG 20	8.431 ON AUG 23	---	1980
1981	8.809 AT 1840 YST ON SEP 21	8.801 ON SEP 21	---	1981
1982	---	---	---	1982
1983	8.184 AT 1128 YST ON AUG 19	8.177 ON AUG 19	8.091 ON APR 25	1983
1984	7.915 AT 0428 YST ON SEP 4	7.913 ON SEP 4	8.052 ON MAY 5	1984
1985	8.430 AT 1553 YST ON AUG 7	8.428 ON AUG 7	8.103 ON MAY 2	1985
1986	8.943 AT 1602 YST ON AUG 2 *	8.939 ON AUG 2 *	8.041 ON MAR 24 *	1986
1987	8.373 AT 1001 YST ON AUG 14	8.368 ON AUG 14	8.181 ON MAR 31	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	2 186	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	2 385	---	---	---	1952
1953	---	---	---	---	---	2 037	2 876	3 282	2 857	---	---	1 492	---	1953
1954	1 883	1 881	1 811	1 833	---	---	2 518	2 837	2 317	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	1 882	---	---	---	---	1955
1956	---	---	---	---	---	---	---	2 545	2 458	2 188	1 574	1 118	---	1956
1957	0 787	0 525	0 438	0 403	0 424	1 334	2 265	2 809	2 832	2 478	1 882	1 289	1 428	1957
1958	0 808	0 882	---	0 277	0 330	1 185	2 081	2 821	2 830	2 203	1 528	---	---	1958
1959	---	0 880	0 782	0 877	0 881	---	2 770	---	---	2 471	2 277	2 124	---	1959
1970	---	---	1 338	1 018	0 842	1 142	1 872	2 321	2 324	2 382	2 273	2 025	---	1970
1971	1 704	1 438	1 070	0 878	---	1 008	2 484	3 391	3 192	---	---	2 145	---	1971
1972	---	1 561	1 218	0 840	0 588	1 453	2 283	2 850	2 918	2 587	2 408	2 178	---	1972
1973	1 958	1 850	1 328	0 871	0 585	0 871	2 018	2 805	2 440	2 334	---	---	---	1973
1974	1 883	1 389	1 040	0 870	0 481	0 871	1 802	2 478	2 719	---	---	---	---	1974
1975	---	---	---	---	---	1 380	2 871	3 093	3 032	2 876	2 756	2 718	---	1975
1976	2 819	2 408	2 108	1 534	1 041	1 418	2 540	2 845	2 892	2 889	2 820	2 710	2 328	1976
1977	2 588	2 380	2 028	1 401	0 885	1 591	2 661	3 236	3 055	2 814	2 787	2 577	2 338	1977
1978	2 309	1 973	1 625	1 248	0 830	1 387	2 037	2 482	2 850	2 848	2 824	2 488	2 080	1978
1979	2 191	1 853	1 541	1 051	0 803	1 277	2 824	3 265	3 215	2 805	2 830	2 785	2 190	1979
1980	2 831	2 342	1 913	1 254	0 871	1 738	2 555	2 903	2 884	2 854	2 813	2 545	2 242	1980
1981	2 484	2 289	2 001	1 527	1 224	2 078	2 889	3 413	3 516	2 831	2 579	2 588	2 487	1981
1982	2 440	2 205	1 771	1 201	0 727	1 282	2 387	2 787	2 890	2 586	2 881	2 578	2 105	1982
1983	2 368	1 985	1 308	0 889	0 748	1 341	2 273	2 577	2 801	2 803	2 818	2 421	1 993	1983
1984	2 098	1 811	1 441	1 030	0 748	1 010	1 757	2 183	2 417	2 648	2 810	2 344	1 840	1984
1985	2 081	1 799	1 428	0 938	0 555	1 053	2 171	2 893	2 840	2 855	2 824	2 318	1 907	1985
1986	2 086	1 798	1 555	1 103	0 789	1 110	2 871	3 101	2 784	2 842	2 808	2 588	2 113	1986
1987	2 384	1 978	1 545	1 108	0 843	1 002	2 207	2 811	2 794	2 833	2 789	2 578	2 058	1987
MEAN	2 047	1 718	1 482	1 012	0 722	1 321	2 378	2 784	2 738	2 838	2 480	2 284	2 080	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 863.357 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)

LOCATION - LAT 60 31 50 N

LONG 134 21 55 W

REGULATED SINCE 1925

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1951	---	2 288 ON SEP 8	---	1951
1952	---	---	---	1952
1953	---	3 307 ON AUG 11	---	1953
1954	---	2 713 ON AUG 14	---	1954
1955	---	2 785 ON AUG 4	---	1955
1956	2 533 AT 1815 YST ON SEP 1	2 812 ON AUG 30	---	1956
1957	2 042 AT 1818 YST ON SEP 22	3 034 ON SEP 23	0 323 ON MAY 2	1957
1958	2 737 AT 1800 YST ON SEP 11	2 722 ON SEP 11	0 195 ON MAY 8 *	1958
1959	---	2 835 ON AUG 10	0 807 ON FEB 8	1959
1970	2 480 AT 1820 YST ON OCT 14	2 489 ON OCT 14	0 597 ON MAY 12	1970
1971	3 845 AT 1845 YST ON AUG 22	3 539 ON AUG 23	0 378 ON MAY 23	1971
1972	3 056 AT 0845 YST ON AUG 30	3 063 ON AUG 30	0 600 ON MAY 7	1972
1973	2 578 AT 1230 YST ON AUG 28	2 845 ON AUG 27	0 527 ON MAY 14	1973
1974	2 780 AT 1400 YST ON SEP 24	2 788 ON SEP 25	0 387 ON MAY 21	1974
1975	3 203 AT 3038 YST ON JUL 25	3 200 ON JUL 25	---	1975
1976	3 021 AT 1800 YST ON AUG 28	3 018 ON SEP 29	0 878 ON MAY 17	1976
1977	3 392 AT 2240 YST ON AUG 28	3 388 ON AUG 27	0 914 ON MAY 23	1977
1978	2 841 AT 2100 YST ON OCT 13	2 935 ON OCT 12	0 883 ON MAY 18	1978
1979	3 322 AT 1855 YST ON AUG 30	3 319 ON AUG 30	0 782 ON MAY 21	1979
1980	2 980 AT 2058 YST ON AUG 18	2 980 ON AUG 18	0 802 ON MAY 21	1980
1981	3 837 AT 1728 YST ON SEP 18 *	3 835 ON SEP 18 *	1 118 ON MAY 15	1981
1982	2 823 AT 2359 YST ON AUG 31	3 820 ON AUG 31	0 878 ON MAY 19	1982
1983	2 874 AT 1805 YST ON OCT 11	2 865 ON OCT 11	0 710 ON MAY 28	1983
1984	2 758 AT 0824 YST ON OCT 24	2 737 ON OCT 23	0 688 ON MAY 20	1984
1985	2 777 AT 2330 YST ON SEP 29	2 755 ON SEP 30	0 484 ON MAY 28	1985
1986	2 211 AT 0818 YST ON AUG 18	3 198 ON AUG 13	0 703 ON MAY 29	1986
1987	2 930 AT 0257 YST ON OCT 10	2 822 ON OCT 10	0 588 ON MAY 28	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 863.357 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

MAYO LAKE NEAR THE OUTLET - STATION NO. 09DC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	3.502	3.389	3.090	---	1979
1980	2.783	2.808	2.905	1.892	2.137	2.899	3.116	3.224	3.318	3.423	3.394	3.139	2.834	1980
1981	2.851	2.948	2.977	1.984	2.195	2.895	3.058	2.885	3.046	3.233	3.217	2.994	2.777	1981
1982	2.845	2.982	2.082	1.868	1.842	2.845	3.011	3.174	3.276	2.895	2.784	2.882	2.846	1982
1983	2.388	2.174	2.009	1.818	1.817	2.881	3.013	3.388	3.283	3.393	3.184	2.882	2.878	1983
1984	2.811	2.174	1.818	1.491	1.798	2.973	3.182	2.890	3.004	2.931	2.870	2.497	2.498	1984
1985	2.240	1.884	1.339	1.003	0.995	2.899	3.034	3.046	3.138	3.153	2.883	2.558	2.303	1985
1986	2.278	1.986	1.818	1.243	1.288	2.881	2.995	3.200	3.132	3.988	2.873	---	---	1986
1987	---	1.723	---	1.078	1.258	2.801	3.058	3.078	3.182	3.177	2.876	---	---	1987
MEAN	2.525	3.142	1.902	1.822	1.843	2.773	3.088	3.138	3.131	3.188	3.003	2.818	2.807	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 63 46 24 N
LONG 138 33 17 W REGULATED SINCE 1982

MAYO LAKE NEAR THE OUTLET - STATION NO. 09DC005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	---	---	1979
1980	3.453 AT 0819 VST ON OCT 15	3.448 ON OCT 15	1.773 ON APR 29	1980
1981	3.308 AT 0750 VST ON NOV 4	3.291 ON NOV 3	1.822 ON MAY 4	1981
1982	---	3.320A ON AUG 1	1.437 ON MAY 8	1982
1983	3.529 AT 1227 VST ON AUG 19 *	3.522 ON AUG 19 *	1.852 ON MAY 8	1983
1984	3.387 AT 1912 VST ON JUL 1	3.383 ON JUL 1	1.362 ON MAY 1	1984
1985	3.224 AT 1314 VST ON OCT 8	3.203 ON OCT 8	0.783 ON MAY 10 *	1985
1986	3.202 AT 1017 VST ON AUG 24	3.288 ON AUG 24	0.988 ON MAY 8	1986
1987	3.295 AT 2018 VST ON OCT 1	3.228 ON OCT 14	0.842 ON MAY 3	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

* - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	2.878	3.042	1.387	1.449	---	---	---	---	1979
MEAN	---	---	---	---	---	2.878	3.042	1.387	1.449	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 889.874 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 61 59 12 N DRAINAGE AREA, 18 400 km²
LONG 132 28 54 W NATURAL FLOW

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	3.587 AT 1748 VST ON JUN 8 *	3.872 ON JUN 8 *	---	1979

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 889.874 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

QUIET LAKE AT KILOMETRE 88 SOUTH CANAL ROAD - STATION NO. 09AC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	8.930	8.925	8.911	---	---	---	1981
1982	---	---	---	---	---	---	---	---	8.814	---	---	---	---	1982
1983	---	---	---	---	---	7.311	7.158	8.971	8.881	8.788	8.732	---	---	1983
1984	---	---	---	---	---	7.271	7.184	8.938	8.908	8.882	---	---	---	1984
1985	---	---	---	---	---	7.295	7.351	7.018	8.838	8.782	---	---	---	1985
1986	---	---	---	---	---	7.209	7.385	7.044	8.884	8.872	8.781	8.734	---	1986
1987	---	---	---	---	8.732	7.279	7.273	7.010	8.938	8.840	8.861	---	---	1987
MEAN	---	---	---	---	8.732	7.273	7.282	8.985	8.884	8.881	8.781	8.734	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 779.884 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 61 08 35 N
LONG 133 04 50 W NATURAL FLOW

YUKON TERRITORY

9

QUIET LAKE AT KILOMETRE 98 SOUTH CANOL ROAD - STATION NO. 09AC002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1981	---	---	---	1981
1982	7 322 AT 0913 YST ON JUN 15	7 319 ON JUN 15	---	1982
1983	7 388 AT 1802 YST ON JUN 12	7 354 ON JUN 12	---	1983
1984	7 411 AT 1701 YST ON JUN 25	7 403 ON JUN 22	---	1984
1985	7 480 AT 1745 YST ON JUL 5	7 454 ON JUL 7	---	1985
1986	7 529 AT 1809 YST ON JUL 4 *	7 520 ON JUL 4 *	---	1986
1987	7 391 AT 1158 YST ON JUL 3	7 382 ON JUL 3	---	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 779.554 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEKULMUN LAKE NEAR WHITEHORSE - STATION NO. 08AA007

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	2 254	2 188	2 147	---	1980
1981	2 171	2 234	2 273	---	2 230	2 275	2 415	2 312	2 229	2 194	2 130	2 092	---	1981
1982	2 066	2 073	2 082	2 214	2 414	2 583	2 449	2 337	2 281	2 175	2 115	2 078	2 245	1982
1983	2 061	2 084	2 121	2 157	2 208	2 339	2 390	2 485	2 388	2 208	2 088	2 057	2 214	1983
1984	2 085	2 085	2 070	2 085	2 088	2 287	2 500	2 368	2 382	2 249	2 113	2 087	2 199	1984
1985	2 075	2 084	2 073	2 059	2 088	2 285	2 381	2 385	2 443	2 259	2 149	2 100	2 200	1985
1986	2 057	2 045	2 082	2 088	2 181	2 491	2 559	2 525	2 358	2 235	2 098	2 046	2 238	1986
1987	2 030	1 990	1 976	1 984	---	---	---	2 430	2 447	---	---	---	---	1987
MEAN	2 077	2 080	2 084	2 095	2 217	2 414	2 487	2 405	2 358	2 225	2 123	2 087	2 219	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 61 32 25 N
LONG 137 33 00 W NATURAL FLOW

SEKULMUN LAKE NEAR WHITEHORSE - STATION NO. 08AA007

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	---	---	---	1980
1981	2 455 AT 1810 YST ON MAY 29	2 450 ON JUN 1	2 073 ON DEC 31	1981
1982	2 837 AT 1840 YST ON JUN 12 *	2 830 ON JUN 12 *	2 025 ON FEB 28	1982
1983	2 588 AT 2207 YST ON AUG 21	2 552 ON AUG 21	2 045 ON DEC 4	1983
1984	2 632 AT 1819 YST ON JUL 5	2 613 ON JUL 5	2 052 ON MAR 5	1984
1985	2 494 AT 1739 YST ON SEP 14	2 477 ON SEP 11	2 043 ON MAY 4	1985
1986	2 759 AT 1730 YST ON JUL 7	2 742 ON JUL 7	2 038 ON FEB 27	1986
1987	2 810 AT 1920 YST ON AUG 24	2 582 ON AUG 24	1 964 ON FEB 25 *	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL SAUCE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER NEAR MAYO - STATION NO. 09UC006

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	4 949	5 955	4 858	4 911	4 302	---	---	---	---	1980
1981	---	---	---	---	---	5 323	5 123	4 873	4 579	3 982	3 334	---	---	1981
1982	---	---	---	---	---	5 390	5 283	4 781	3 738	3 454	---	---	---	1982
1983	---	---	---	---	---	5 983	5 000	5 188	4 534	---	---	---	---	1983
1984	---	---	---	---	---	5 059	5 137	4 195	3 811	---	---	---	---	1984
1985	---	---	---	---	---	5 759	5 802	4 925	4 359	---	---	---	---	1985
1986	---	---	---	---	---	7 209	5 888	5 375	4 830	---	---	---	---	1986
1987	---	---	---	3 233	4 651	5 558	5 129	4 480	4 576	---	---	---	---	1987
MEAN	---	---	---	3 233	4 800	5 417	5 256	4 772	4 303	3 708	3 334	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 479.472 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 63 35 26 N
LONG 135 53 48 W NATURAL FLOW

YUKON TERRITORY

STEWART RIVER NEAR MAYO - STATION NO 09DC006

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1980	7 282 AT 2346 YST ON JUN 10	7 235 ON JUN 11	---	1980
1981	6 570 AT 1300 YST ON MAY 30	6 555 ON MAY 30	---	1981
1982	7 001 AT 1040 YST ON JUN 18	6 955 ON JUN 18	2 066 ON NOV 6 *	1982
1983	6 494 AT 1452 YST ON JUN 5 *	6 442 ON JUN 5 *	---	1983
1984	6 904 AT 1800 YST ON JUN 18	6 874 ON JUN 18	---	1984
1985	6 682 AT 0224 YST ON JUN 11	6 577 ON JUN 8	---	1985
1986	6 392 AT 1323 YST ON JUN 11	6 355 ON JUN 11	---	1986
1987	6 384 AT 0838 YST ON JUN 8	6 342 ON JUN 6	---	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 479 472 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TESLIN LAKE AT TESLIN - STATION NO 09AE002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	---	---	---	---	---	---	4 542	---	---	---	1944
1947	---	---	---	---	---	---	---	5 282	4 978	5 062	4 483	3 893	---	1947
1948	3 823	---	3 490	3 555	4 082	5 988	5 258	4 596	---	---	---	---	---	1948
1951	---	---	---	3 054	4 857	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	3 346	5 913	---	---	---	3 587	3 336	2 981	---	1952
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	4 742	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1968	---	---	---	---	---	---	---	---	---	5 270	---	---	---	1968
1970	---	---	---	---	---	5 132	5 949	4 983	4 783	5 383	---	---	---	1970
1971	---	---	---	---	---	---	---	---	4 422	4 230	---	---	---	1971
1972	---	---	---	---	---	7 851	5 384	---	---	---	---	---	---	1972
1973	---	---	---	---	---	6 491	5 328	---	5 137	4 510	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1980	3 988	3 337	3 135	3 028	4 310	6 155	5 410	5 289	4 820	5 189	4 984	3 971	4 804	1980
1981	3 887	3 515	3 285	3 187	4 838	5 891	5 980	4 785	4 737	4 851	4 473	3 845	4 501	1981
1982	3 981	3 437	3 215	3 046	3 999	5 184	5 828	4 803	4 128	4 017	3 695	3 395	4 044	1982
1983	3 381	3 179	3 012	2 905	3 883	5 988	5 480	4 730	4 887	---	---	---	---	1983
1984	---	3 148	3 002	2 988	2 939	5 887	5 811	4 803	4 548	4 361	3 810	3 585	---	1984
1985	---	---	---	2 998	3 612	5 897	5 829	5 186	4 940	4 381	3 830	3 431	---	1985
1986	3 228	3 108	3 030	2 912	3 383	5 330	5 845	5 298	4 781	5 123	4 847	4 093	4 298	1986
1987	3 887	3 477	3 318	3 181	4 034	5 843	5 428	5 022	4 851	4 579	4 182	3 724	4 418	1987
MEAN	3 585	3 312	3 183	3 082	3 952	5 499	5 957	4 930	4 888	4 842	4 138	3 580	4 354	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 577 055 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1945 ADJ.)

LOCATION - LAT 50 09 30 N
LONG 132 42 27 W NATURAL FLOW

YUKON TERRITORY

11

TESLIN LAKE AT TESLIN - STATION NO. 09AE002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1944	---	---	---	1944
1947	---	---	---	1947
1948	---	7 788 ON JUN 8	---	1948
1951	---	---	2 878 ON DEC 30	1951
1952	---	---	---	1952
1953	---	6 888 ON JUN 3	---	1953
1954	---	7 188 ON JUN 12	---	1954
1955	---	7 384 ON JUL 8	---	1955
1956	---	8 370 ON JUN 21	---	1956
1957	---	8 317 ON JUN 13	---	1957
1958	---	6 888 ON JUN 13	---	1958
1959	---	7 093 ON JUN 19	---	1959
1961	---	8 586 ON JUN 18	---	1961
1963	---	7 848 ON JUL 8	---	1963
1965	---	8 784 ON JUN 17	---	1965
1966	---	7 023 ON JUN 31	---	1966
1969	---	8 739 ON JUN 20	---	1969
1970	---	8 453 ON JUN 10	---	1970
1971	---	7 488 ON JUN 27	---	1971
1972	---	8 440 ON JUN 21	2 960 ON MAY 2	1972
1973	---	7 096 ON JUN 24	2 987 ON APR 8	1973
1974	---	8 784 ON JUL 1	---	1974
1976	---	7 772 ON JUL 3	---	1976
1977	---	7 748 ON JUN 21	3 088 ON APR 11	1977
1978	---	8 883 ON JUN 18	---	1978
1980	---	8 477E ON JUN 14	2 983E ON APR 16	1980
1981	7 123 AT 1830 YST ON JUN 8	7 123 ON JUN 8	3 128 ON MAY 1	1981
1982	8 700 AT 0832 YST ON JUN 17	8 896 ON JUN 17	2 999 ON APR 24	1982
1983	8 355 AT 1220 YST ON JUN 14	8 248 ON JUN 14	2 863 ON APR 28	1983
1984	8 475 AT 2345 YST ON JUN 29	5 471 ON JUN 28	2 948 ON APR 11	1984
1985	7 371 AT 0008 YST ON JUN 11	7 356 ON JUN 10	2 983 ON MAY 1	1985
1986	7 103 AT 1939 PST ON JUL 8	7 096 ON JUL 8	2 872 ON MAY 3	1986
1987	7 129 AT 2122 YST ON JUN 13	7 121 ON JUN 13	3 088 ON APR 27	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 877.055 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1945 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WAREHAM LAKE AT HEADGATE - STATION NO. 09DC004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	78.838	78.807	78.378	---	1979
1980	---	---	77.837	77.843	78.818	77.979	78.842	78.888	78.320	78.287	78.885	78.155	---	1980
1981	78.170	78.283	78.170	78.488	78.317	78.878	78.191	78.830	78.888	78.790	77.887	77.370	78.478	1981
1982	78.714	78.128	78.182	77.840	78.358	78.223	78.240	78.249	78.786	78.843	77.720	78.032	78.818	1982
1983	78.428	78.887	78.482	78.274	77.998	78.188	78.888	78.023	78.739	78.482	78.821	78.737	78.822	1983
1984	78.811	78.806	78.887	78.288	78.788	78.448	78.818	78.742	78.819	78.704	78.838	78.813	78.878	1984
1985	78.848	78.674	78.482	77.728	77.888	78.696	78.812	78.329	78.385	78.674	78.871	78.108	78.838	1985
1986	78.821	78.429	78.387	78.499	77.740	78.812	78.308	78.882	---	---	---	---	---	1986
1987	---	---	---	78.238	78.003	78.088	78.801	78.309	78.350	78.774	78.885	78.088	---	1987
MEAN	78.818	78.630	78.300	78.134	78.110	78.613	78.788	78.754	78.689	78.794	78.492	78.443	78.888	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 63 39 34 N

LONG 138 55 02 W

REGULATED SINCE 1962

WAREHAM LAKE AT HEADGATE - STATION NO. 09DC004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	---	---	1979
1980	79.387 AT 1808 YST ON OCT 19	79.378 ON OCT 19	72.838 ON MAY 25	1980
1981	79.841E AT 1000 YST ON MAY 10	79.822E ON MAY 10	76.830 ON NOV 28	1981
1982	79.867 AT 1045 YST ON AUG 1	79.818 ON AUG 1	77.290E ON APR 3	1982
1983	79.384 AT 1016 YST ON AUG 13	79.298 ON AUG 13	77.448 ON APR 25	1983
1984	79.184 AT 0951 YST ON MAY 11	79.171 ON MAY 11	77.887 ON APR 20	1984
1985	---	79.303A ON SEP 28	77.382A ON MAY 2	1985
1986	79.208 AT 1814 YST ON JUN 30	79.170 ON JUL 1	77.342 ON MAY 19	1986
1987	79.232 AT 1750 YST ON NOV 10	79.225 ON NOV 10	77.495 ON AUG 27	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

YUKON RIVER AT DAWSON - STATION NO. 0528001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	---	---	---	---	---	0.874	---	---	---	---	1944
1945	---	---	---	---	---	---	2.894	2.312	1.823	1.718	---	1.999	---	1945
1946	1.109	0.843	0.455	0.533	---	3.137	2.396	1.889	1.561	0.759	0.719	---	---	1946
1947	---	---	0.639	0.759	2.941	3.710	2.708	1.879	1.712	1.342	0.893	---	---	1947
1948	1.102	1.071	0.786	0.884	2.778	3.211	2.387	2.379	1.967	1.212	0.879	0.970	1.823	1948
1949	1.070	0.882	0.693	0.574	2.888	4.247	3.721	2.991	1.840	1.133	0.948	2.280	1.927	1949
1950	1.730	0.739	0.453	0.918	2.189	2.787	2.174	1.825	1.297	0.718	0.225	---	---	1950
1951	---	---	---	---	2.191	2.883	2.413	1.748	1.320	---	---	---	---	1951
1952	0.388	0.447	---	0.273	1.415	3.031	3.009	1.890	1.823	---	---	---	---	1952
1954	---	---	---	---	---	---	---	---	1.538	0.854	---	---	---	1954
1956	---	---	---	---	---	---	2.891	2.309	1.864	---	---	---	---	1956
1957	---	---	---	---	---	4.199	---	2.278	1.808	---	---	---	---	1957
1958	---	---	---	---	1.728	2.744	2.110	1.948	1.278	0.778	---	---	---	1958
1959	---	---	---	---	---	3.285	---	2.394	1.845	---	---	---	---	1959
1960	---	---	---	---	---	---	---	2.989	---	1.254	---	---	---	1960
1961	ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM AT WHITE PASS AND YUKON DOCK 1944-80													
1961	---	---	---	---	---	3.110	3.488	1.744	---	---	---	---	---	1961
1963	---	---	---	---	---	3.309	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	4.117	3.110	1.994	---	---	---	---	1964
1965	---	---	---	---	---	2.917	2.889	2.135	1.735	---	---	---	---	1965
1966	---	---	---	---	---	3.440	2.786	1.878	---	---	---	---	---	1966
1967	---	---	---	---	---	4.391	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	2.889	2.378	---	2.078	---	---	---	---	1969
1970	---	---	---	---	---	3.136	2.688	2.022	---	---	---	---	---	1970
1971	---	---	---	---	---	3.881	2.799	2.271	---	---	---	---	---	1971
1972	---	---	---	---	---	4.487	3.129	2.480	1.837	---	---	---	---	1972
1974	---	---	---	---	---	3.013	2.605	2.778	1.778	0.984	---	---	---	1974
1975	---	---	---	---	2.789	4.081	3.673	2.487	2.088	1.577	---	---	---	1975
1976	---	---	---	---	---	3.298	3.987	2.389	---	1.089	---	---	---	1976
1981	---	---	---	---	---	2.738	---	---	1.833	1.415	---	---	---	1981
1982	---	---	---	---	---	3.857	2.617	2.134	1.275	---	---	---	---	1982
1983	---	---	---	---	---	3.718	2.779	2.613	1.827	---	---	---	---	1983
1984	---	---	---	---	---	2.909	2.449	1.921	1.882	---	---	---	---	1984
1985	---	---	---	---	---	4.029	3.741	2.990	1.970	---	---	---	---	1985
1986	---	---	---	---	---	4.137	3.544	2.783	2.041	---	---	---	---	1986
1987	---	---	---	---	2.208	---	---	2.388	1.951	---	---	---	---	1987

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 2
 APPLY 311.828 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 64 04 12 N DRAINAGE AREA, 284 000 km²
 LONG 139 28 30 W NATURAL FLOW

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

YUKON RIVER AT DAWSON - STATION NO. 09E001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	4.593 ON MAY 31	0.174 ON NOV 1	1946
1947	---	5.020 ON JUN 2	0.418 ON NOV 8	1947
1948	---	4.746 ON JUN 2	0.539 ON NOV 3	1948
1949	---	4.837 ON JUN 27	0.418 ON MAR 31	1949
1950	---	3.983 ON MAY 13	---	1950
1951	---	3.039 ON JUN 3	---	1951
1952	---	4.045 ON JUL 3	---	1952
1954	---	---	---	1954
1956	---	---	---	1956
1957	---	5.983 ON MAY 28	---	1957
1958	---	3.572 ON JUN 13	---	1958
1959	---	4.480 ON MAY 31	---	1959
1960	---	---	---	1960
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM AT WHITE PASS AND YUKON DOCK 1944-60				
1961	---	---	---	1961
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	4.407 ON MAY 20	---	1965
1966	---	---	---	1966
1967	---	5.243 ON JUN 8	---	1967
1968	---	4.184 ON MAY 26	---	1968
1969	---	3.661 ON JUN 16	---	1969
1970	---	4.064 ON JUN 8	---	1970
1971	---	4.363 ON JUN 16	---	1971
1972	---	5.088 ON JUN 3	---	1972
1974	---	---	---	1974
1975	5.051 AT 1929 YST ON JUN 6	4.995 ON JUN 6	---	1975
1976	4.318 AT 2036 YST ON JUL 17	4.264 ON JUL 17	---	1976
1981	3.598 AT 2040 YST ON JUN 3	3.541 ON JUN 3	---	1981
1982	3.994 AT 1337 YST ON JUN 17	3.988 ON JUN 17	---	1982
1983	5.069 AT 1721 YST ON JUN 7	5.039 ON JUN 7	---	1983
1984	3.885 AT 1845 YST ON JUL 4	3.852 ON JUL 4	---	1984
1985	5.508 AT 1848 YST ON JUN 10	5.489 ON JUN 10	---	1985
1986	4.572 AT 1814 YST ON JUN 26	4.565 ON JUN 26	---	1986
1987	4.980 AT 1927 YST ON JUN 8	4.956 ON JUN 8	---	1987

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 2

APPLY 311.826 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

YUKON TERRITORY

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1902	---	---	---	---	---	---	---	---	---	---	---	---	---	1902
1903	---	---	---	---	---	---	---	---	---	---	---	---	---	1903
1904	---	---	---	---	---	831.043	---	---	---	831.481	---	---	---	1904
1905	---	---	---	---	---	830.889	---	---	---	831.247	---	---	---	1905
1906	---	---	---	---	---	---	---	---	---	---	---	---	---	1906
1907	---	---	---	---	---	---	---	---	---	---	---	---	---	1907
1908	---	---	---	---	---	---	---	---	---	---	---	---	---	1908
1909	---	---	---	---	---	---	---	---	---	---	---	---	---	1909
1910	---	---	---	---	---	---	---	---	---	---	---	---	---	1910
1911	---	---	---	---	---	---	---	---	---	---	---	---	---	1911
1912	---	---	---	---	---	---	---	---	---	---	---	---	---	1912
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	1913
1914	---	---	---	---	---	---	---	---	---	---	---	---	---	1914
1915	---	---	---	---	---	---	---	---	---	---	---	---	---	1915
1916	---	---	---	---	---	---	---	---	---	---	---	---	---	1916
1917	---	---	---	---	---	---	---	---	---	---	---	---	---	1917
1918	---	---	---	---	---	---	---	---	---	---	---	---	---	1918
1919	---	---	---	---	---	---	---	---	---	---	---	---	---	1919
1920	---	---	---	---	---	---	---	---	---	---	---	---	---	1920
1921	---	---	---	---	---	---	---	---	---	---	---	---	---	1921
1922	---	---	---	---	---	---	---	---	---	---	---	---	---	1922
1923	---	---	---	---	---	---	---	---	---	---	---	---	---	1923
1924	---	---	---	---	---	---	---	---	---	---	---	---	---	1924
1925	---	---	---	---	---	---	---	---	---	---	---	---	---	1925
1926	---	---	---	---	---	---	---	---	---	---	---	---	---	1926
1927	---	---	---	---	---	---	---	---	---	---	---	---	---	1927
1928	---	---	---	---	---	---	---	---	---	---	---	---	---	1928
1929	---	---	---	---	---	---	---	---	---	---	---	---	---	1929
1930	---	---	---	---	---	---	---	---	---	---	---	---	---	1930
1931	---	---	---	---	---	---	---	---	---	---	---	---	---	1931
1932	---	---	---	---	---	---	---	---	---	---	---	---	---	1932
1933	---	---	---	---	---	---	---	---	---	---	---	---	---	1933
1934	---	---	---	---	---	---	---	---	---	---	---	---	---	1934
1935	---	---	---	---	---	---	---	---	---	---	---	---	---	1935
1936	---	---	---	---	---	---	---	---	---	---	---	---	---	1936
1937	---	---	---	---	---	---	---	---	---	---	---	---	---	1937
1938	---	---	---	---	---	---	---	---	---	---	---	---	---	1938
1939	---	---	---	---	---	---	---	---	---	---	---	---	---	1939
1940	---	---	---	---	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	---	---	---	---	---	---	---	---	---	---	1941
1942	---	---	---	---	---	---	---	---	---	---	---	---	---	1942
1943	---	---	---	---	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	---	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	---	---	---	---	---	---	---	---	---	---	1945
1946	---	---	---	---	---	---	---	---	---	---	---	---	---	1946
1947	---	---	---	---	---	---	---	---	---	---	---	---	---	1947
1948	---	---	---	---	---	---	---	---	---	---	---	---	---	1948
1949	---	---	---	---	---	---	---	---	---	---	---	---	---	1949
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	---	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	---	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
MEAN	831.788	831.470	831.318	830.974	830.889	831.398	831.894	832.081	831.981	831.800	831.355	831.888	831.593	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT. 60 42 50 N
LONG 135 02 35 WDRAINAGE AREA, 18 400 Km²
REGULATED SINCE 1928DATA CONTRIBUTED BY -
THE YUKON ELECTRICAL COMPANY LIMITED

YUKON TERRITORY

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YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1902	---	832 466 ON AUG 12	---	1902
1903	---	832 085 ON AUG 13	---	1903
1904	---	831 728 ON AUG 20	---	1904
1905	---	832 109 ON AUG 4	---	1905
1906	---	831 833 ON JUL 29	---	1906
1907	---	831 805 ON AUG 28	---	1907
1908	---	831 852 ON SEP 3	---	1908
1909	---	831 857 ON AUG 20	---	1909
1910	---	832 314 ON AUG 7	---	1910
1911	---	831 881 ON AUG 17	---	1911
1912	---	831 704 ON AUG 28	---	1912
1913	---	831 833 ON JUL 21	---	1913
1914	---	831 854 ON AUG 31	---	1914
1915	---	832 188 ON AUG 18	---	1915
1916	---	831 833 ON AUG 18	---	1916
1917	---	831 800 ON AUG 23	---	1917
1918	---	832 390 ON AUG 5	---	1918
1919	---	832 033 ON AUG 18	---	1919
1920	---	832 009 ON AUG 11	---	1920
1921	---	831 855 ON AUG 17	---	1921
1922	---	831 728 ON AUG 28	---	1922
1923	---	---	---	1923
1924	---	832 286 ON AUG 13	---	1924
1925	---	832 085 ON MAY 7	---	1925
1926	---	831 857 ON AUG 23	---	1926
1927	---	832 222 ON AUG 30	---	1927
1928	---	831 881 ON NOV 24	---	1928
1929	---	832 210 ON DEC 10	830 204 ON APR 29	1929
1930	---	832 350 ON NOV 18	830 180 ON APR 28	1930
1931	---	832 719 ON NOV 18	830 204 ON APR 27	1931
1932	---	832 587 ON NOV 12	830 308 ON APR 24	1932
1933	---	832 188 ON DEC 22	830 217 ON OCT 24	1933
1934	---	832 262 ON AUG 28	830 180 ON APR 25	1934
1935	---	833 405 ON NOV 14 *	830 433 ON MAY 14	1935
1936	---	833 252 ON DEC 8	830 888 ON MAY 11	1936
1937	---	833 282 ON JAN 1	830 332 ON MAY 1	1937
1938	---	832 490 ON JAN 7	830 192 ON APR 18	1938
1939	---	831 897 ON AUG 18	830 408 ON OCT 24	1939
1940	---	832 719 ON NOV 25	830 305 ON APR 20	1940
1941	---	832 009 ON AUG 24	830 281 ON APR 22	1941
1942	---	833 731 ON NOV 28	830 281 ON APR 24	1942
1943	---	832 382 ON JAN 1	---	1943
1944	---	832 843 ON DEC 31	830 258 ON APR 19	1944
1945	---	832 839 ON JAN 1	830 320 ON APR 30	1945
1946	---	832 085 ON JUL 20	830 140 ON APR 29	1946
1947	---	832 181 ON DEC 18	830 241 ON APR 19	1947
1948	---	832 718 ON NOV 28	830 457 ON NOV 3	1948
1949	---	832 372 ON DEC 19	830 555 ON OCT 25	1949
1950	---	832 372 ON JAN 1	830 819 ON MAY 8	1950
1951	---	831 869 ON AUG 18	830 235 ON MAY 2	1951
1952	---	832 328 ON DEC 10	830 585 ON MAY 1	1952
1953	---	832 451 ON DEC 8	830 345 ON APR 23	1953
1954	---	832 286 ON DEC 8	830 278 ON MAY 8	1954
1955	---	832 185 ON NOV 14	830 241 ON MAY 3	1955
1956	---	832 414 ON DEC 15	830 229 ON MAY 1	1956
1957	---	832 338 ON DEC 7	830 389 ON MAY 2	1957
1958	---	832 125 ON DEC 8	830 258 ON APR 17	1958
1959	---	832 582 ON DEC 28	830 052E ON MAY 8 *	1959
1960	---	832 882 ON JAN 2	830 144 ON APR 28	1960
1961	---	832 881 ON AUG 28	830 494 ON APR 23	1961
1962	---	832 728 ON JAN 5	830 235 ON MAY 18	1962
1963	---	832 828 ON DEC 8	830 418 ON APR 20	1963
1964	---	833 084 ON JAN 17	830 235 ON MAY 21	1964
1965	---	832 840 ON JAN 7	830 328 ON MAY 21	1965
1966	---	833 084 ON JAN 7	830 081 ON MAY 3	1966
1967	---	832 878 ON JAN 24	830 885 ON MAY 8	1967
1968	---	---	830 382 ON APR 27	1968
1969	---	833 218 ON JAN 7	830 055 ON MAY 20	1969
1970	---	832 122 ON AUG 18	830 771 ON APR 17	1970
1971	---	832 888 ON AUG 23	---	1971
1972	---	---	---	1972

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

BAKER LAKE AT BAKER LAKE - STATION NO. 05M4001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	7.598	---	---	---	---	---	1965
1967	7.443	---	---	---	---	---	---	7.733	---	7.502	7.523	7.531	---	1967
1968	7.403	7.336	7.308	7.382	7.353	7.729	8.473	7.955	7.955	---	---	---	---	1968
1969	---	7.359	7.387	7.402	7.415	7.525	---	---	---	7.398	7.247	7.353	---	1969
1970	---	---	7.198	7.135	7.182	---	7.780	7.787	7.886	7.843	7.454	7.357	---	1970
1971	7.583	7.558	7.508	7.500	7.555	8.174	8.102	7.911	7.884	7.818	---	7.827	---	1971
1972	7.532	---	---	---	7.422	7.825	---	8.015	7.876	7.881	7.857	7.855	---	1972
1973	7.594	7.540	---	---	7.564	8.229	8.032	7.896	7.895	7.848	7.770	7.845	---	1973
1974	---	7.807	7.497	7.451	7.512	---	8.088	7.883	7.757	7.847	7.782	7.700	---	1974
1975	7.584	7.558	7.570	7.474	7.540	8.527	8.220	---	7.850	7.829	7.745	---	---	1975
1976	7.528	7.548	7.438	---	---	8.318	8.432	7.888	7.803	---	---	---	---	1976
1977	7.575	7.509	7.555	7.502	7.501	8.357	8.208	7.945	7.780	7.784	7.710	7.858	7.781	1977
1978	7.517	7.500	7.556	7.588	7.587	7.745	8.828	8.328	7.848	7.817	7.825	7.758	7.807	1978
1979	7.508	---	---	---	7.417	8.088	---	7.858	7.710	7.578	---	7.802	---	1979
1980	7.514	7.430	---	7.387	7.443	7.879	7.918	7.828	7.832	7.780	---	---	---	1980
1981	---	7.851	7.585	7.470	7.480	8.048	8.159	7.826	7.783	7.680	7.528	7.599	---	1981
1982	7.545	7.475	7.381	7.384	7.405	7.898	8.212	7.877	7.787	7.708	7.643	7.578	7.585	1982
1983	7.509	7.455	7.342	7.353	7.447	7.854	8.278	7.945	8.023	7.851	7.778	---	---	1983
1984	---	---	7.439	---	7.515	8.158	8.381	8.011	7.982	7.813	7.713	7.898	---	1984
1985	7.750	7.843	7.580	7.582	7.510	8.154	8.251	8.054	8.053	7.847	7.744	7.830	7.850	1985
1986	7.591	7.840	7.583	7.515	7.502	8.304	8.442	7.979	7.780	7.566	7.547	7.645	7.788	1986
1987	7.583	7.578	7.425	7.532	7.580	7.841	8.588	8.112	7.889	7.788	7.623	7.849	7.790	1987
MEAN	7.509	7.545	7.455	7.441	7.479	8.042	8.258	7.925	7.857	7.718	7.829	7.832	7.777	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 54 19 10 N
LONG 96 01 50 W NATURAL FLOW

BAKER LAKE AT BAKER LAKE - STATION NO. 05M4001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1965	---	---	---	1965
1967	8.308 AT 0200 CST ON JUL 10	8.288 ON JUL 10	---	1967
1968	8.838 AT 1700 CST ON JUL 1	8.793 ON JUL 2	7.187 ON FEB 11	1968
1969	---	---	7.056 ON NOV 20	1969
1970	8.198 AT 1530 CST ON JUN 24	8.135 ON JUN 24	---	1970
1971	8.504 AT 1500 CST ON JUN 28	8.478 ON JUN 28	7.023 ON APR 18 *	1971
1972	---	8.514A ON JUL 14	7.280 ON MAY 1	1972
1973	8.498 AT 1228 CST ON JUN 15	8.481 ON JUN 15	7.407 ON MAY 4	1973
1974	8.382 AT 1800 CST ON JUN 23	8.387 ON JUN 23	7.387 ON APR 8	1974
1975	8.931 AT 1838 CST ON JUN 18	8.900 ON JUN 18	7.388 ON APR 11	1975
1976	8.787 AT 1417 CST ON JUL 3	8.738 ON JUL 2	---	1976
1977	---	8.881 ON JUN 22	7.428 ON APR 14	1977
1978	9.001 AT 1457 CST ON JUL 25 *	8.958 ON JUL 25 *	7.394 ON APR 5	1978
1979	---	---	7.328 ON MAY 10	1979
1980	8.188 AT 0228 CST ON JUL 3	8.127 ON JUL 3	---	1980
1981	8.480 AT 1529 CST ON JUN 23	8.412 ON JUN 23	7.382 ON APR 18	1981
1982	8.588 AT 1827 CST ON JUN 28	8.535 ON JUN 28	7.267 ON APR 23	1982
1983	---	8.590A ON JUL 27	7.282 ON APR 14	1983
1984	8.788 AT 0003 CST ON JUL 3	8.739 ON JUL 3	---	1984
1985	8.808 AT 1402 CST ON JUN 22	8.568 ON JUN 22	7.490 ON MAR 7	1985
1986	8.804 AT 1441 CST ON JUN 27	8.782 ON JUN 27	7.371 ON APR 20	1986
1987	---	8.750A ON JUL 4	7.350A ON MAR 28	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUBAWNY LAKE NEAR SNOW ISLAND - STATION NO. 08KC004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	231.288	231.388	---	231.388	231.389	231.284	---	---	1971
1972	---	---	---	---	230.832	231.180	231.400	231.628	231.578	231.594	231.583	---	---	1972
1974	---	---	---	---	---	---	---	---	231.245	231.184	231.218	231.218	---	1974
1975	---	---	---	---	231.003	---	---	231.517	231.401	231.323	231.312	---	---	1975
1976	---	---	---	231.022	231.042	231.882	231.878	231.888	231.787	231.826	---	---	---	1976
1977	---	---	---	---	---	---	---	---	231.508	---	---	---	---	1977
1978	231.427	231.382	231.233	231.188	231.180	231.253	231.578	231.657	231.697	231.481	231.376	231.325	231.382	1978
1979	---	---	---	---	231.018	231.280	231.583	231.597	231.548	231.454	231.370	---	---	1979
1980	---	---	---	---	230.985	231.063	231.113	231.138	231.180	231.095	---	---	---	1980
1981	---	---	---	---	230.881	231.121	231.354	231.488	231.485	231.400	231.321	231.298	---	1981
1982	231.281	231.198	231.135	231.077	231.049	231.212	231.437	231.508	231.509	231.450	231.415	231.370	231.303	1982
1983	231.327	231.245	231.148	231.097	231.051	231.241	231.488	231.813	231.833	231.591	231.635	231.612	231.374	1983
1984	231.474	231.460	231.385	231.385	231.318	231.688	231.888	232.075	232.214	232.170	232.052	231.810	231.788	1984
1985	231.778	231.855	231.511	231.404	231.298	231.842	231.788	231.827	231.859	231.742	231.640	231.551	231.642	1985
1986	231.488	231.409	231.315	231.258	231.184	231.528	231.885	231.838	231.891	231.760	231.698	231.678	231.674	1986
1987	231.470	231.375	231.303	231.226	231.180	231.385	231.697	231.780	---	---	---	---	---	1987
MEAN	231.480	231.383	231.280	231.194	231.086	231.358	231.677	231.681	231.881	231.618	231.483	231.470	231.505	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 82 13 30 N
LONG 101 45 30 W NATURAL FLOW

NORTHWEST TERRITORIES

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DUBAWNT LAKE NEAR SNOW ISLAND - STATION NO. 06KCO04

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	231.407 ON OCT 7	---	1971
1972	---	231.621 ON OCT 8	---	1972
1974	---	---	---	1974
1975	---	231.841 ON AUG 3	---	1975
1976	---	231.926 ON JUN 24	---	1976
1977	---	---	---	1977
1978	---	231.875 ON AUG 11	231.115E ON APR 18	1978
1979	231.633 AT 1722 CST ON AUG 13	231.814 ON AUG 16	---	1979
1980	---	231.201 ON SEP 2	---	1980
1981	231.507 AT 1830 CST ON SEP 1	231.482 ON AUG 26	230.849 ON MAY 17 *	1981
1982	231.528 AT 0108 CST ON AUG 21	231.526 ON SEP 8	231.027 ON MAY 14	1982
1983	231.855 AT 1255 CST ON SEP 7	231.653 ON AUG 31	231.018 ON MAY 18	1983
1984	232.277 AT 0700 CST ON SEP 16 *	232.248 ON SEP 21 *	231.288 ON MAY 27	1984
1985	231.953 AT 1320 CST ON AUG 13	231.945 ON AUG 17	231.270 ON MAY 30	1985
1986	231.983 AT 0108 CST ON AUG 24	231.952 ON AUG 19	231.182 ON MAY 6	1986
1987	231.789 AT 2014 CST ON AUG 1	231.781 ON JUL 31	231.170 ON MAY 8	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUNCAN LAKE NEAR YELLOWKNIFE - STATION NO. 07SD012

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	212.952	212.932	212.869	212.655	213.032	213.147	213.198	---	212.007	212.915	212.821	212.881	---	1975
1976	212.534	212.388	212.277	212.258	212.287	212.345	212.481	212.407	212.304	212.184	211.948	211.742	212.269	1976
1977	211.513	211.286	210.874	210.748	210.896	210.913	210.918	210.888	210.883	210.854	210.840	210.800	210.948	1977
1978	210.88	210.58	210.52	210.47	210.52	210.91	211.68	212.37	212.13	211.98	211.83	211.89	211.27	1978
1979	211.37	211.15	210.88	210.47	210.37	211.04	211.39	211.50	211.85	211.73	211.82	211.89	211.28	1979
1981	210.89	210.72	210.85	210.95	211.22	211.43	211.59	211.84	211.98	211.77	211.81	211.98	211.34	1981
MEAN	211.955	211.808	211.345	211.285	211.384	211.631	211.651	211.741	211.939	211.802	211.848	211.731	211.415	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 62 51 00 N
LONG 113 58 00 W

REMARKS - CONTRIBUTED DATA AVAILABLE FROM COMICO MINES

DUNCAN LAKE NEAR YELLOWKNIFE - STATION NO. 07SD012

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1975	---	---	---	1975
1976	---	212.804 ON JAN 1 *	211.635 ON DEC 18	1976
1977	---	211.832 ON JAN 1	210.841 ON MAR 29	1977
1978	---	212.33 ON AUG 3	210.44 ON APR 30	1978
1979	---	212.03 ON DEC 10	210.20 ON MAY 6	1979
1981	---	211.85 ON NOV 2	210.00 ON JAN 3 *	1981

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

ENNADAI LAKE AT ENNADAI - STATION NO. 08LA002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	312.389	---	---	---	---	---	1963
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	311.833	311.848	311.848	311.807	311.885	312.825	312.809	312.288	312.102	312.012	311.947	311.872	---	1966
1967	---	311.878	---	311.821	311.823	---	312.505	312.399	312.319	312.228	312.248	312.189	---	1967
1968	312.175	312.183	312.178	312.131	---	312.902	313.137	312.923	---	---	---	312.774	---	1968
1969	312.828	312.490	312.340	312.222	312.124	312.405	312.985	312.398	312.215	312.058	311.985	311.888	312.272	1969
1970	311.810	311.778	311.739	---	---	312.019	312.078	312.101	312.070	312.006	311.947	311.858	---	1970
1971	311.888	311.824	---	---	---	312.057	311.981	311.897	312.749	311.813	311.834	311.830	---	1971
1972	311.740	311.744	311.749	311.690	311.664	312.204	312.258	312.254	---	---	---	---	---	1972
1973	312.112	312.108	312.083	311.879	312.078	312.522	---	---	---	311.905	311.858	311.781	---	1973
1974	311.758	311.753	311.734	311.700	311.788	311.889	311.828	---	---	---	311.877	311.839	---	1974
1975	---	---	311.787	311.783	311.855	---	---	---	---	---	---	---	---	1975
1976	311.881	311.871	311.884	311.789	312.185	---	---	312.341	312.192	312.144	312.085	---	---	1976
1977	311.958	311.941	311.935	311.842	312.110	312.800	312.859	312.887	312.849	312.819	312.494	312.317	312.285	1977
1978	312.180	312.078	311.995	311.949	312.038	312.881	312.768	312.888	312.371	312.287	312.207	312.182	312.281	1978
1979	312.078	311.932	---	---	---	---	312.800	312.257	312.108	312.015	311.930	---	---	1979
1980	---	---	---	---	---	311.897	311.998	312.035	312.280	312.270	---	---	---	1980
1981	---	---	---	---	311.830	312.802	312.813	312.413	312.185	312.038	311.827	311.885	---	1981
1982	311.878	311.889	311.881	311.848	311.825	312.740	312.721	312.483	312.283	312.220	312.138	312.082	312.171	1982
1983	312.033	312.084	312.052	311.985	311.902	312.485	312.734	312.891	312.489	312.485	312.405	312.310	312.290	1983
1984	---	---	---	---	312.231	312.889	312.781	312.594	312.574	312.522	312.430	---	---	1984
1985	312.308	312.247	312.208	312.098	312.187	312.842	312.582	312.512	312.551	312.578	312.488	312.378	312.389	1985
1986	312.270	312.230	312.151	312.088	---	---	---	---	---	---	---	---	---	1986
1987	---	---	312.104	312.017	312.081	312.875	312.911	312.875	312.371	312.214	312.110	312.090	---	1987
MEAN	312.029	311.988	311.873	311.828	312.478	312.510	312.393	312.275	312.183	312.097	312.088	312.280	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 81 08 00 N
LONG 100 54 00 W NATURAL FLOW

REMARKS - USED FOR STAGE-DISCHARGE RELATIONSHIP FOR STATION NO. 08LA001 SINCE 1978

ENNADAI LAKE AT ENNADAI - STATION NO. 08LA002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1965	---	---	---	1965
1966	312.712 AT 1800 CST ON JUN 30	312.710 ON JUN 30	311.737 ON MAY 15	1966
1967	312.568 AT 0900 CST ON JUL 25	312.533 ON JUL 2	311.780 ON MAY 28	1967
1968	---	---	311.978 ON MAY 23	1968
1969	---	312.894 ON JAN 1	311.853 ON DEC 31	1969
1970	312.187 AT 1800 CST ON SEP 7	312.184 ON SEP 7	---	1970
1971	---	312.078 ON JUN 19	---	1971
1972	---	---	311.545 ON MAY 12 *	1972
1973	---	312.578 ON JUN 14	311.734 ON DEC 27	1973
1974	---	---	311.881 ON MAY 9	1974
1975	---	---	---	1975
1976	---	313.083 ON JUN 7	311.748 ON APR 28	1976
1977	---	312.887 ON SEP 30	311.771 ON APR 28	1977
1978	312.828 AT 1428 CST ON JUL 19	312.804 ON JUL 19	311.823 ON APR 11	1978
1979	---	---	311.828 ON MAY 3	1979
1980	---	---	---	1980
1981	312.891 AT 2100 CST ON JUL 4	312.887 ON JUL 4	311.737 ON MAY 14	1981
1982	312.827 AT 0800 CST ON JUN 24	312.824 ON JUN 23	311.797 ON MAY 20	1982
1983	312.612 AT 1418 CST ON JUL 1	312.803 ON JUL 1	311.881 ON MAY 19	1983
1984	312.822 AT 0330 CST ON JUN 18	312.917 ON JUN 18	311.882 ON MAY 2	1984
1985	312.898 AT 1103 MST ON JUN 18	312.895 ON JUN 18	311.889 ON MAY 7	1985
1986	---	---	---	1986
1987	312.078 AT 0148 MST ON JUN 30 *	313.078 ON JUN 29 *	311.885 ON APR 30	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREAT BEAR LAKE AT FORT FRANKLIN - STATION NO. 10JC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	186.825	186.800	186.849	186.895	---	---	186.798	---	---	1981
1984	---	---	---	---	---	---	---	---	---	186.717	---	---	---	1984
1985	---	---	186.888	186.851	186.835	186.814	186.721	186.745	186.747	186.789	186.728	186.735	---	1985
1986	186.881	186.887	186.887	---	---	---	---	186.789	186.780	---	---	---	---	1986
1987	---	---	---	---	---	---	---	186.835	186.870	---	---	---	---	1987
MEAN	186.881	186.887	186.887	186.851	186.881	186.707	186.785	186.739	186.889	186.743	186.718	186.735	---	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 85 11 30 N
LONG 123 28 00 W NATURAL FLOW

REMARKS - STAGE DATA FOR CSC WATER LEVEL TRANSFER (1983) FORT FRANKLIN TO HORNBY BAY AND FORT RADNUM

NORTHWEST TERRITORIES

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GREAT BEAR LAKE AT HORNBY BAY - STATION NO. 10JEG02

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	8.499	8.543	---	---	---	---	1984
1985	---	---	---	---	8.404	8.499	8.537	8.539	8.520	8.451	8.398	8.388	---	1985
1986	---	---	---	---	8.348	8.518	8.572	8.557	8.535	8.479	8.403	8.388	---	1986
1987	8.382	8.351	8.328	8.311	8.312	8.392	8.438	8.425	8.385	8.307	8.238	8.214	8.340	1987
MEAN	8.382	8.351	8.328	8.311	8.334	8.489	8.518	8.508	8.487	8.412	8.345	8.323	8.340	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 66 35 00 N
LONG 117 37 10 W NATURAL FLOW

GREAT BEAR LAKE AT HORNBY BAY - STATION NO. 10JEG02

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1984	8.812 AT 1057 MST ON SEP 28	8.577 ON SEP 28	---	1984
1985	8.821 AT 1058 MST ON JUL 7	8.582 ON SEP 5	---	1985
1986	8.883 AT 1724 MST ON OCT 5 *	8.812 ON AUG 23 *	---	1986
1987	8.533 AT 0942 MST ON AUG 30	8.454 ON JUL 19	8.293 ON MAY 18 8.188 ON NOV 30 *	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREAT BEAR LAKE AT PORT RADIUM - STATION NO. 10JAG01

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	188.112	188.135	188.287	188.318	---	---	---	188.414	---	---	1980
1981	---	---	---	---	---	---	---	188.847	---	188.488	---	188.394	---	1981
1982	188.378	188.350	188.325	188.280	188.284	188.412	188.459	188.484	188.491	188.415	188.245	188.340	188.380	1982
1983	188.311	188.283	188.268	188.235	188.245	188.385	188.433	188.450	---	---	188.310	188.288	---	1983
1984	188.282	---	188.218	188.212	188.218	188.399	188.448	188.451	188.424	---	---	---	---	1984
1985	---	---	188.185	---	---	188.233	188.333	188.385	188.348	188.311	188.288	188.285	---	1985
1986	188.234	188.200	188.182	188.109	188.126	---	---	188.387	188.353	188.274	188.207	188.185	---	1986
1987	188.180	188.108	188.081	188.058	---	---	---	188.189	188.210	---	188.125	---	---	1987
1988	---	188.084	188.040	188.053	188.010	---	---	188.174	188.133	188.040	---	---	---	1988
1989	188.881	188.858	188.844	188.824	188.877	188.048	---	---	188.218	188.184	188.111	188.072	---	1989
1970	---	---	---	188.037	188.018	188.089	188.184	188.188	---	---	---	188.183	---	1970
1971	188.182	188.129	---	---	---	188.289	188.348	188.380	188.357	188.318	188.212	188.179	---	1971
1972	---	188.148	188.126	188.102	188.083	188.233	188.330	188.329	---	---	---	188.104	---	1972
1973	188.089	188.075	188.084	188.041	188.094	188.214	188.284	188.303	---	---	---	---	---	1973
1974	188.118	188.112	188.089	188.075	188.080	188.134	188.173	188.222	188.215	188.149	188.128	188.115	188.133	1974
1975	---	188.123	188.089	188.040	188.082	188.203	188.184	188.237	---	---	---	---	---	1975
1976	---	---	---	---	---	---	188.137	188.107	188.088	---	---	---	---	1976
1977	188.804	188.880	188.884	188.852	188.806	188.079	188.129	188.104	---	---	---	188.955	---	1977
1978	188.828	188.804	188.883	188.859	188.879	188.883	188.078	188.028	188.885	188.989	---	188.880	---	1978
1979	188.847	188.872	188.883	188.854	188.895	188.852	188.872	188.878	188.883	188.911	188.845	---	---	1979
1980	---	---	---	---	---	---	188.089	---	---	188.028	188.884	188.941	---	1980
1981	188.821	188.911	188.891	188.871	---	---	---	188.030	188.985	188.993	---	188.944	---	1981
1982	188.823	188.902	188.872	188.842	188.851	188.885	188.047	188.080	188.055	---	---	---	---	1982
1983	---	---	---	---	---	188.896	---	188.139	---	---	---	188.038	---	1983
1984	188.014	188.008	188.980	188.947	188.991	188.092	---	---	---	---	---	---	---	1984
MEAN	188.084	188.082	188.081	188.027	188.047	188.185	188.224	188.245	188.200	188.171	188.177	188.124	188.257	MEAN

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 66 05 00 N
LONG 118 02 00 W NATURAL FLOW

NORTHWEST TERRITORIES

GREAT BEAR LAKE AT PORT RADNUM - STATION NO 10JAG001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	156.515 ON SEP 4 *	156.244 ON MAY 26	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	156.263 ON SEP 4	156.021 ON MAY 13	1974
1975	---	156.289 ON SEP 18	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	156.086 AT 0730 MST ON AUG 3	156.048 ON AUG 3	156.628 ON MAY 1 *	1978
1979	156.018 AT 0700 MST ON AUG 5	156.997 ON AUG 5	---	1979
1980	---	---	---	1980
1981	156.116 AT 0658 MST ON AUG 17 *	156.049 ON AUG 8	156.839 ON MAY 14	1981
1982	---	156.126 ON AUG 22	---	1982
1983	---	156.187 ON SEP 3	---	1983
1984	---	---	156.917 ON MAY 1	1984

WATER LEVELS REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREAT SLAVE LAKE AT FORT RESOLUTION - STATION NO 07P8001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1934	---	---	---	---	---	---	1.281	1.280	1.208	1.082	---	---	---	1934
1938	---	---	---	---	---	1.287	1.384	1.384	1.272	1.180	1.000	0.833	---	1938
1939	0.882	0.888	0.838	0.808	0.834	1.227	1.378	1.482	1.348	1.188	1.202	---	---	1939
1940	---	---	---	1.028	1.183	1.381	1.488	1.488	1.388	1.287	1.080	1.017	---	1940
1941	0.884	0.884	0.827	0.888	1.034	1.288	1.282	1.343	1.201	1.182	1.187	1.188	1.127	1941
1942	1.183	1.178	1.178	1.088	1.218	1.418	1.482	1.428	1.310	1.183	1.018	0.871	1.200	1942
1943	0.888	0.873	0.873	0.881	1.088	1.228	1.287	1.387	1.318	1.180	1.040	0.883	1.128	1943
1944	0.887	0.888	0.833	0.883	0.883	1.118	1.232	1.231	1.183	1.084	1.001	0.881	1.042	1944
1948	0.887	0.888	0.843	0.818	0.870	1.008	1.188	1.131	1.038	0.888	0.878	0.881	0.838	1948
1948	0.888	0.821	0.808	0.788	0.833	1.118	1.281	1.288	1.181	1.048	0.838	0.830	0.880	1948
1947	0.778	0.888	0.844	0.822	0.891	1.333	1.801	1.881	1.492	1.388	1.278	1.201	1.171	1947
1948	1.210	1.228	1.213	1.172	1.183	1.478	1.804	1.818	1.828	1.848	1.818	1.881	1.388	1948
1949	1.388	1.381	1.388	1.400	1.438	1.824	1.838	1.838	1.888	1.847	---	---	---	1949
1950	---	---	---	---	1.214	1.388	1.477	1.480	1.371	1.220	1.088	1.044	---	1950
1951	1.072	1.030	0.888	0.878	1.180	1.808	1.827	1.838	1.880	1.288	1.241	1.203	1.282	1951
1952	1.188	1.134	1.082	1.022	1.148	1.320	1.483	1.800	1.418	1.278	1.103	1.038	1.223	1952
1953	0.888	0.883	0.848	0.813	0.802	1.088	1.248	1.322	1.307	1.238	1.113	1.081	1.088	1953
1954	1.038	1.040	1.011	0.878	0.874	1.282	1.883	1.878	1.888	1.883	1.428	1.378	1.308	1954
1958	1.377	1.381	1.400	1.403	1.482	1.842	1.823	1.877	1.873	1.388	1.278	---	---	1958
1958	1.237	1.237	1.180	1.180	1.187	1.371	1.828	1.811	1.841	1.282	---	---	---	1958
1957	1.288	1.281	1.283	1.241	1.407	1.888	1.841	1.882	1.718	1.888	1.387	1.338	1.448	1957
1958	1.118	1.313	1.287	1.288	1.424	1.881	1.821	1.888	1.388	1.108	0.880	0.882	1.317	1958
1959	1.040	1.038	1.073	1.048	1.082	1.282	1.837	1.800	1.488	1.388	1.301	1.348	1.282	1959
1960	1.383	1.338	1.308	1.288	1.318	1.818	1.888	1.888	1.881	1.888	1.442	1.418	1.470	1960
1961	1.438	1.480	1.448	1.418	1.377	1.883	1.884	1.884	1.881	1.888	1.220	1.180	1.428	1961
1962	1.184	1.188	1.127	1.078	1.148	1.448	1.788	1.838	1.818	1.844	1.481	1.401	1.428	1962
1963	1.388	1.408	1.380	1.382	1.422	1.882	1.700	1.747	1.888	1.348	1.383	1.487	1.487	1963
1964	1.378	1.378	1.337	1.287	1.371	1.878	1.744	1.774	1.788	1.832	1.838	1.818	1.818	1964
1968	1.344	1.421	1.481	1.483	1.484	1.888	1.888	1.888	1.883	1.411	1.373	1.337	1.478	1968
1968	1.307	1.328	1.300	1.280	1.307	1.482	1.888	1.888	1.883	1.411	1.373	1.337	1.478	1968
1967	1.324	1.323	1.288	1.243	1.204	1.488	1.888	1.883	1.888	1.438	1.314	1.322	1.384	1967
1968	1.238	1.271	1.328	1.334	1.428	1.483	1.448	1.348	1.280	1.417	1.331	1.283	1.387	1967
1968	1.047	1.081	1.088	1.108	1.288	1.388	1.307	1.170	1.107	1.071	0.888	0.888	1.138	1968
1970	0.881	1.008	1.034	1.083	1.188	1.188	1.208	1.188	1.112	0.888	0.832	0.834	1.087	1970
1971	1.008	1.081	1.110	1.188	1.248	1.281	1.30	1.317	1.242	1.128	---	---	---	1971
1972	---	---	---	1.084	1.208	1.238	1.430	1.488	1.488	---	---	---	---	1972
1973	1.208	1.288	1.321	1.382	1.418	1.374	1.487	1.813	1.688	1.374	1.284	1.188	1.384	1973
1974	---	---	---	---	---	1.724	1.773	1.774	1.707	---	---	---	---	1974
1978	---	---	---	---	---	1.878	1.880	1.880	---	---	---	---	---	1978
1978	---	---	---	---	---	1.808	1.808	1.888	1.488	---	---	---	---	1978
1977	---	---	---	---	---	1.483	1.818	1.488	1.381	1.287	---	---	---	1977
1978	---	---	---	---	---	1.380	1.388	1.228	---	---	---	---	---	1978
1979	---	---	---	---	---	1.880	1.888	1.824	1.388	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	---	---	---	---	1.114	1.108	1.081	1.018	0.848	---	---	---	---	1981
1981	---	---	---	---	---	---	1.283	1.108	1.048	---	---	---	---	1981
MEAN	1.148	1.184	1.187	1.124	1.188	1.382	1.480	1.477	1.408	1.283	1.188	1.183	1.272	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 185.350 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 51 09 50 N
LONG 113 40 45 W REGULATED SINCE 1988

NORTHWEST TERRITORIES

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GREAT SLAVE LAKE AT FORT RESOLUTION - STATION NO. 07P0001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1924	---	---	---	1924
1938	---	---	---	1938
1939	---	1 521 ON AUG 13	0 789Z ON APR 24	1939
1940	---	---	---	1940
1941	---	1 359 ON JUL 8	0 850E ON APR 23	1941
1942	---	1 582 ON JUL 24	0 945E ON DEC 20	1942
1943	---	1 551 ON SEP 2	0 838E ON NOV 29	1943
1944	---	1 308 ON AUG 19	0 881E ON MAR 31	1944
1945	---	1 218 ON AUG 9	0 788E ON APR 30	1945
1946	---	1 480 ON JUL 26	0 758E ON DEC 31	1946
1947	---	1 812 ON AUG 3	0 752E ON JAN 10	1947
1948	---	1 785 ON AUG 24	1 091E ON MAY 4	1948
1949	---	1 582 ON JUL 23	1 308 ON SEP 30	1949
1950	---	---	---	1950
1951	---	1 704 ON AUG 22	0 830E ON MAY 1	1951
1952	---	1 551 ON JUL 28	0 878E ON DEC 18	1952
1953	---	1 430 ON AUG 17	0 858E ON MAY 9	1953
1954	---	1 948 ON JUL 24	0 881 ON MAY 18	1954
1955	---	1 785 ON SEP 8	1 253 ON OCT 31	1955
1956	---	---	---	1956
1957	---	1 785 ON SEP 12	1 195E ON FEB 18	1957
1958	---	1 734 ON JUL 31	0 938E ON DEC 1	1958
1959	---	1 878 ON JUL 8	1 000E ON APR 19	1959
1960	---	1 929 ON AUG 24	1 237E ON APR 20	1960
1961	---	1 753 ON JUL 22	1 173E ON DEC 9	1961
1962	---	1 908E ON SEP 1	1 038E ON APR 29	1962
1963	---	1 798 ON AUG 10	1 180E ON NOV 17	1963
1964	---	1 828 ON AUG 22	1 253E ON MAY 1	1964
1965	---	---	---	1965
1966	---	1 737 ON JUL 28	1 301E ON DEC 28	1966
1967	---	1 828 ON AUG 28	1 222E ON APR 9	1967
1968	---	1 718E ON JUL 18	1 148E ON MAY 12	1968
1969	---	1 481E ON JUN 2	0 872 ON NOV 22	1969
1970	---	1 433E ON JUN 8	0 908E ON NOV 10	1970
1971	---	1 282 ON JUN 28	0 847 ON OCT 13	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	1 551 ON AUG 27	1 177E ON JAN 1	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	1 933 ON JUL 1	---	1978
1979	---	1 408 ON MAY 18	---	1979
1980	---	1 890 ON JUL 4	---	1980
1981	---	1 188 ON MAY 10	---	1981

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 185 380 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREAT SLAVE LAKE AT HAY RIVER - STATION NO. 0708002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	155 381	155 439	155 423	155 400	155 413	155 805	155 851	155 855	155 818	155 745	155 882	155 899	155 809	1959
1960	155 704	155 888	155 888	155 618	155 887	155 854	157 042	157 093	157 014	155 895	155 792	155 795	155 816	1960
1961	155 788	155 801	155 800	155 757	155 728	155 828	155 887	155 820	155 778	155 858	155 878	155 853	155 771	1961
1962	155 845	155 839	155 490	155 451	155 888	155 787	157 093	157 183	157 147	157 004	155 854	155 759	155 782	1962
1963	155 740	155 748	155 737	155 714	155 778	155 843	157 048	157 082	155 870	155 858	155 897	155 709	155 838	1963
1964	155 724	155 727	155 881	155 853	155 728	155 843	157 104	157 129	157 112	155 884	155 888	155 788	155 873	1964
1965	155 895	155 771	155 802	155 803	155 808	155 807	157 017	157 048	155 818	155 781	155 727	155 895	155 830	1965
1966	155 851	155 878	155 852	155 800	155 882	155 834	155 840	155 852	155 815	155 828	155 888	155 872	155 788	1966
1967	155 874	155 874	155 832	155 888	155 854	155 888	157 084	157 007	155 893	155 783	155 870	155 808	155 769	1967
1968	155 814	155 883	155 704	155 874	155 752	155 787	155 785	155 898	155 802	155 480	155 383	155 371	155 824	1968
1969	155 388	155 422	155 428	155 453	155 838	155 738	155 853	155 870	155 482	155 434	155 355	155 323	155 490	1969
1970	155 327	155 344	155 368	155 385	155 832	155 882	155 873	155 849	155 483	155 349	155 283	155 284	155 421	1970
1983	---	---	---	---	---	---	155 825	155 747	155 882	---	---	---	---	1983
1984	---	---	---	---	---	312 085	312 187	312 183	312 123	---	---	---	---	1984
1985	---	312 158	---	---	312 411	312 357	312 289	312 228	312 078	311 896	---	---	---	1985
1986	---	---	---	---	---	155 890	155 942	155 888	155 788	155 815	155 523	155 544	---	1986
1987	155 821	---	---	---	155 838	155 834	---	---	---	---	155 581	155 584	---	1987
MEAN	155 804	155 889	155 815	155 893	157 787	176 283	178 321	178 321	178 236	187 811	155 818	155 895	155 713	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

APPLY 155.830 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

LOCATION - LAT 60 51 00 N
LONG 115 48 00 W REGULATED SINCE 1988

NORTHWEST TERRITORIES

GREAT SLAVE LAKE AT HAY RIVER - STATION NO. 0708002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	156 938E ON AUG 8	156 350E ON APR 19	1959
1960	---	157 137E ON AUG 18	156 588E ON APR 20	1960
1961	---	157 015 ON SEP 1	156 515 ON OCT 21	1961
1962	---	157 280 ON AUG 4	156 387E ON MAY 2	1962
1963	---	157 210 ON AUG 22	156 530E ON NOV 17	1963
1964	---	157 188 ON AUG 27	156 594 ON MAY 1	1964
1965	---	157 100E ON AUG 7	156 843 ON DEC 26	1965
1966	---	157 027 ON AUG 11	156 573 ON APR 9	1966
1967	---	157 109 ON JUL 24	156 500E ON MAY 12	1967
1968	---	156 885 ON JUN 28	156 332 ON NOV 25	1968
1969	---	156 807 ON JUN 8	156 274 ON NOV 29	1969
1970	---	156 821 ON JUL 31	156 222E ON NOV 30 *	1970
1983	---	156 870 ON SEP 28	156 517 ON NOV 2	1983
1984	157 289R AT 0305 MST ON OCT 17	157 188 ON OCT 17	---	1984
1985	---	157 551 ON MAY 8 *	156 578 ON OCT 3	1985
1986	157 470 AT 0911 MST ON MAY 4 *	157 210 ON MAY 4	---	1986
1987	---	157 109 ON APR 30	156 515 ON NOV 25	1987

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)
 APPLY 155.530 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE

GREAT SLAVE LAKE AT RELIANCE - STATION NO. 075C003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	---	---	2 158	2 283	2 284	2 130	2 044	1 951	---	---	1964
1965	---	2 249	2 243	---	---	2 429	2 394	2 284	2 192	2 131	---	---	---	1965
1966	2 105	---	---	---	---	2 423	2 372	---	---	---	---	---	---	1966
1967	---	2 088	2 141	2 152	2 202	2 233	2 225	2 194	2 185	---	---	---	---	1967
MEAN	2 105	2 158	2 192	2 152	2 202	2 310	2 311	2 241	2 157	2 093	2 031	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 62 42 50 N
 LONG 109 10 00 W
 REGULATED SINCE 1988

GREAT SLAVE LAKE AT RELIANCE - STATION NO. 075C003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	2 320 AT 1018 MST ON JUL 29	2 308 ON AUG 11	---	1964
1965	2 505 AT 0834 MST ON JUL 18 *	2 478 ON JUN 13 *	1 995A ON DEC 17 *	1965
1966	---	---	2 038 ON JAN 2	1966
1967	2 300 AT 1128 MST ON JUN 14	2 281 ON JUN 14	---	1967

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREAT SLAVE LAKE AT SNOWDRIFT - STATION NO. 0708001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	156 391	156 439	156 423	156 400	156 413	156 805	156 853	156 884	156 827	156 784	156 858	156 898	156 812	1959
1960	156 704	156 888	156 854	156 815	156 848	156 848	157 041	157 094	157 005	156 895	156 807	156 766	156 814	1960
1961	156 785	156 801	156 800	156 787	156 727	156 970	156 893	156 941	156 774	156 634	156 595	156 541	156 777	1961
1962	156 534	156 518	156 477	156 428	156 487	156 800	157 083	157 174	157 131	156 878	156 841	156 751	156 770	1962
1963	156 749	156 798	156 740	156 712	156 775	156 932	157 021	157 081	156 927	156 893	156 702	156 713	156 830	1963
1964	156 726	156 726	156 888	156 848	156 732	156 958	157 108	157 107	157 118	156 988	156 888	156 788	156 873	1964
1965	156 895	156 771	156 802	156 803	156 812	156 913	157 018	157 044	156 920	156 772	156 724	156 687	156 830	1965
1966	156 888	156 878	156 851	156 800	156 872	156 828	156 929	156 884	156 831	156 794	156 685	156 672	156 783	1966
1967	156 874	156 874	156 938	156 593	156 855	156 848	157 031	157 020	156 893	156 789	156 874	156 805	156 748	1967
1968	156 804	156 847	156 892	156 874	156 775	156 802	156 789	156 884	156 809	156 477	156 393	156 366	156 825	1968
1969	156 393	156 422	156 431	156 452	156 840	156 895	156 850	156 577	156 492	156 441	156 347	156 337	156 480	1969
1970	156 342	156 355	156 375	156 404	156 471	156 543	156 541	156 505	156 429	156 334	156 275	156 284	156 405	1970
1971	156 358	156 411	156 481	156 505	156 808	156 818	156 887	156 682	156 807	156 490	---	---	---	1971
1972	---	---	---	156 445	156 585	156 732	156 841	156 854	156 792	---	---	156 536	---	1972
1973	156 555	156 805	156 872	156 713	156 788	156 755	156 819	156 857	156 842	156 744	156 814	156 551	156 709	1973
MEAN	156 584	156 608	156 807	156 584	156 844	156 790	156 893	156 895	156 820	156 710	156 629	156 593	156 711	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 62 24 15 N
 LONG 110 44 30 W
 REGULATED SINCE 1968

NORTHWEST TERRITORIES

23

GREAT SLAVE LAKE AT SNOWDRIFT - STATION NO. 0708001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1959	---	155.942 ON JUL 29	155.350E ON APR 19	1959
1960	---	157.158 ON JUL 27	155.588E ON APR 20	1960
1961	---	157.088 ON JUN 28	155.493 ON NOV 1	1961
1962	---	157.271 ON SEP 1	155.387E ON APR 25	1962
1963	---	157.100 ON AUG 15	155.530E ON NOV 17	1963
1964	---	157.196 ON AUG 23	155.503E ON MAY 1	1964
1965	---	157.112 ON JUL 29	155.552E ON DEC 25	1965
1966	---	157.033 ON SEP 10	155.573E ON APR 9	1966
1967	---	157.073 ON JUL 18	155.500E ON MAY 12	1967
1968	---	156.844 ON JUL 9	155.338E ON DEC 28	1968
1969	---	156.817 ON JUN 3	155.255E ON NOV 10	1969
1970	---	156.884 ON JUN 9	155.213 ON NOV 5 *	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	156.938 ON AUG 13	155.527E ON JAN 1	1973

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREAT SLAVE LAKE AT YELLOWKNIFE BAY - STATION NO. 0758001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1934	---	---	---	---	---	---	155.802	155.841	155.857	155.413	---	---	---	1934
1935	---	---	---	---	---	155.848	155.731	155.730	155.820	155.505	155.351	155.283	---	1935
1936	155.243	155.216	155.187	155.158	155.291	155.592	155.739	155.816	155.898	155.886	155.553	---	---	1936
1940	---	---	---	155.376	155.525	155.731	155.805	155.831	155.783	155.577	155.441	155.387	---	1940
1941	155.344	155.304	155.277	155.239	155.387	155.813	155.710	155.886	155.852	155.541	155.547	155.550	155.481	1941
1942	155.542	155.525	155.485	155.448	155.559	155.781	155.837	155.780	155.845	155.518	155.385	155.322	155.585	1942
1943	155.319	155.324	155.324	155.341	155.444	155.591	155.739	155.787	155.647	155.524	155.391	155.314	155.478	1943
1944	155.315	155.308	155.283	155.254	155.334	155.480	155.597	155.598	155.514	155.414	155.351	155.302	155.397	1944
1945	155.248	155.208	155.194	155.158	155.175	155.379	155.538	155.517	155.428	155.311	155.228	155.211	155.301	1945
1946	155.208	155.172	155.158	155.139	155.227	155.488	155.584	155.504	155.520	155.390	155.289	155.181	155.329	1946
1947	155.195	155.206	155.195	155.172	155.344	155.684	155.848	155.885	155.804	155.723	155.625	155.551	155.520	1947
1948	155.560	155.577	155.584	155.522	155.514	155.819	155.829	155.844	155.841	155.889	155.785	155.711	155.728	1948
1949	155.719	155.741	155.745	155.751	155.785	155.874	155.896	155.805	155.841	155.700	---	---	---	1949
1950	---	---	---	---	155.581	155.731	155.811	155.781	155.711	155.885	155.419	155.395	---	1950
1951	155.422	155.381	155.380	155.328	155.508	155.847	155.958	157.001	155.893	155.719	155.582	155.554	155.632	1951
1952	155.516	155.485	155.432	155.372	155.492	155.680	155.787	155.817	155.740	155.593	155.448	155.394	155.560	1952
1953	155.347	155.334	155.295	155.264	155.272	155.455	155.605	155.679	155.678	155.588	155.483	155.411	155.450	1953
1954	155.390	155.380	155.381	155.328	155.336	155.842	155.910	157.025	155.957	155.896	155.780	155.728	155.648	1954
1955	155.728	155.741	155.751	155.754	155.880	155.931	155.987	155.987	155.918	155.733	155.627	---	---	1955
1956	---	---	155.677	155.540	155.548	155.721	155.875	155.844	155.781	155.842	---	---	---	1956
1957	155.595	155.601	155.604	155.591	155.759	155.980	155.850	157.000	157.088	155.825	155.788	155.685	155.781	1957
1958	155.568	155.683	155.648	155.617	155.784	155.952	155.971	155.825	155.711	155.458	155.341	155.332	155.671	1958
1959	155.391	155.439	155.423	155.400	155.413	155.596	155.811	155.857	155.804	155.719	155.646	155.697	155.601	1959
1960	155.704	155.686	155.655	155.616	155.658	155.845	157.034	157.081	155.999	155.889	155.776	155.785	155.810	1960
1961	155.785	155.801	155.799	155.757	155.729	155.897	155.993	155.944	155.781	155.842	---	---	---	1961
1962	155.521	155.499	155.485	155.415	155.484	155.777	157.081	157.184	157.134	155.993	155.828	155.743	155.781	1962
1963	155.757	155.787	155.742	155.710	155.776	155.847	157.031	157.083	155.943	155.846	155.688	155.717	155.834	1963
1964	155.728	155.723	155.683	155.648	155.719	155.839	157.106	157.134	157.101	155.981	155.886	155.788	155.870	1964
1965	155.895	155.771	155.802	155.803	155.808	155.911	157.018	157.047	155.818	155.781	155.718	155.678	155.828	1965
1966	155.683	155.673	155.649	155.600	155.674	155.835	155.835	155.985	155.918	155.788	155.685	155.672	155.784	1966
1967	155.674	155.673	155.639	155.599	155.655	155.858	157.035	157.005	155.883	155.773	155.688	155.600	155.749	1967
1968	155.607	155.652	155.691	155.674	155.778	155.798	155.785	155.894	155.823	155.482	155.375	155.340	155.625	1968
1969	155.397	155.418	155.428	155.448	155.838	155.734	155.884	155.570	155.619	155.448	155.345	155.348	155.495	1969
1970	155.357	155.386	155.381	155.413	155.522	155.598	155.578	155.572	155.471	155.373	155.280	155.284	155.434	1970
1971	155.358	155.411	155.481	155.505	155.522	155.642	155.682	155.895	155.623	155.504	---	---	---	1971
1972	---	---	---	155.445	155.576	155.783	155.858	155.892	155.600	---	---	155.636	---	1972
1973	155.568	155.606	155.672	155.713	155.774	155.819	155.867	155.881	155.855	155.730	155.614	155.581	155.720	1973
1974	155.581	155.621	155.669	155.684	155.778	155.832	155.986	155.983	155.845	155.782	155.725	155.728	155.777	1974
1975	155.781	155.778	155.829	155.878	155.926	155.916	155.877	155.787	155.688	155.574	155.512	155.571	155.789	1975
1976	155.828	155.892	---	---	155.851	155.848	155.870	155.871	155.881	155.707	155.676	155.642	---	1976
1977	155.611	155.704	155.766	155.794	---	---	---	---	155.718	---	155.583	155.577	---	1977
1978	155.858	155.728	155.785	155.800	155.740	155.738	155.705	155.884	155.688	155.483	---	155.430	---	1978
1979	155.520	155.597	155.697	155.785	155.740	155.783	155.829	155.820	155.707	155.575	155.453	155.384	155.685	1979
1980	155.428	155.485	155.545	155.559	155.520	155.441	155.425	155.380	155.276	---	---	155.258	---	1980
1981	---	155.356	155.417	155.512	155.583	155.623	---	---	155.380	155.249	155.198	155.225	---	1981
1982	155.242	155.310	155.385	155.393	155.440	155.589	155.574	155.552	155.638	155.496	155.378	155.399	155.442	1982
1983	155.488	155.518	155.541	155.505	155.490	155.528	155.583	155.713	155.627	155.587	155.513	155.472	155.549	1983
1984	155.550	155.621	155.647	155.641	155.693	155.680	155.789	155.772	155.681	155.619	155.539	155.700	155.689	1984
1985	155.761	155.784	155.787	155.786	155.884	155.980	155.891	155.780	155.885	155.808	155.685	155.580	155.780	1985
1986	155.640	155.723	155.788	155.811	155.891	155.943	155.897	155.848	155.703	155.583	155.480	155.500	155.728	1986
1987	155.554	155.605	155.671	155.687	155.732	155.749	155.739	155.894	155.680	155.673	155.489	155.474	155.637	1987
MEAN	155.522	155.537	155.542	155.530	155.586	155.742	155.820	155.820	155.731	155.623	155.532	155.497	155.533	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM [LOCAL 1988 ADJ.]

LOCATION - LAT 82 28 30 N
LONG 114 21 00 W

REGULATED SINCE 1968

NORTHWEST TERRITORIES

GREAT SLAVE LAKE AT YELLOWKNIFE BAY - STATION NO. 0758001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1934	---	---	---	1934
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	156.871E ON AUG 15	156.140 ON APR 24	1940
1941	---	---	---	1941
1942	---	156.740 ON AUG 4	156.210 ON APR 23	1942
1943	---	156.871E ON JUL 2	156.295 ON DEC 20	1943
1944	---	156.886 ON JUL 23	156.286 ON NOV 29	1944
1945	---	156.658E ON SEP 3	156.228 ON APR 17	1945
1946	---	156.594 ON JUL 18	---	1946
1947	---	156.648 ON AUG 1	156.137 ON APR 30	1947
1948	---	156.898 ON AUG 3	156.119 ON DEC 31	1948
1949	---	156.890 ON AUG 30	156.112 ON JAN 10	1949
1950	---	156.986 ON AUG 18	156.442 ON MAY 4	1950
1951	---	---	156.658E ON OCT 14	1951
1952	---	---	---	1952
1953	---	157.015 ON AUG 8	156.280 ON MAY 1	1953
1954	---	156.859 ON AUG 6	156.228 ON DEC 16	1954
1955	---	156.725 ON AUG 28	156.207 ON MAY 9	1955
1956	---	157.080 ON AUG 25	156.277 ON MAY 11	1956
1957	---	157.042 ON JUL 23	---	1957
1958	---	---	156.803E ON NOV 28	1958
1959	---	157.118E ON SEP 12	---	1959
1960	---	157.002 ON JUN 28	156.546 ON FEB 18	1960
1961	---	157.015 ON AUG 8	156.286 ON DEC 1	1961
1962	---	---	156.350 ON APR 19	1962
1963	---	157.115 ON AUG 14	156.583 ON APR 20	1963
1964	---	157.033 ON AUG 7	156.381 ON NOV 1	1964
1965	---	157.259E ON SEP 1	156.375 ON APR 26	1965
1966	---	157.112 ON AUG 14	156.530 ON NOV 17	1966
1967	---	157.178 ON AUG 18	156.609 ON MAY 1	1967
1968	---	157.100E ON AUG 7	---	1968
1969	---	157.015 ON AUG 8	156.852 ON DEC 24	1969
1970	---	157.085 ON JUL 19	156.573E ON APR 9	1970
1971	---	156.832E ON JUN 2	156.500 ON MAY 12	1971
1972	---	156.753 ON JUN 3	156.283 ON NOV 30	1972
1973	---	---	156.256 ON NOV 10	1973
1974	---	156.818 ON JUL 1	---	1974
1975	---	156.914 ON AUG 14	156.222 ON NOV 30	1975
1976	---	156.828 ON AUG 22	---	1976
1977	---	157.042 ON JUL 24	156.927 ON JAN 1	1977
1978	---	---	156.833 ON JAN 18	1978
1979	---	156.948 ON MAY 27	---	1979
1980	---	---	156.448 ON NOV 1	1980
1981	156.838 AT 1815 MST ON APR 8	156.817 ON APR 5	---	1981
1982	---	156.888 ON JUL 24	156.353 ON NOV 8	1982
1983	---	---	156.287 ON DEC 6	1983
1984	---	156.587 ON APR 12	---	1984
1985	156.890 AT 1245 MST ON JUN 14	156.847 ON JUN 14	156.108 ON MAY 7	1985
1986	156.727 AT 0555 MST ON JUN 22	156.824 ON JUN 29	156.223 ON JUN 9	1986
1987	156.823 AT 1839 MST ON AUG 11	156.739 ON AUG 24	156.420 ON DEC 6	1987
1988	157.014 AT 2057 MST ON JUL 27	156.842 ON AUG 9	156.492 ON JAN 1	1988
1989	---	---	---	1989
1990	157.015 AT 1725 MST ON JUN 11	156.989 ON JUN 10	156.801 ON NOV 20	1990
1991	157.052 AT 0844 MST ON JUN 10	156.967 ON JUN 10	156.386 ON NOV 10	1991
1992	156.888 AT 1923 MST ON JUL 14	156.777 ON JUN 17	156.238 ON NOV 21	1992

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1985 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAY RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 0758008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	---	---	---	---	---	---	---	1988
1989	284.452	284.388	284.370	285.307	287.289	288.383	---	285.818	285.191	284.885	284.713	284.489	---	1989
MEAN	284.452	284.388	284.370	285.307	287.289	288.383	---	285.818	285.191	284.885	284.844	284.828	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1982 ADJ.)

LOCATION - LAT. 60 06 15 N
LONG 115 58 05 W

NATURAL FLOW

MAY RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 0758008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1988	---	---	---	1988
1989	289.087 AT 0850 MST ON APR 27	288.811 ON APR 27	284.342 ON APR 1	1989

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1982 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAMILUKUAK LAKE AT OUTLET - STATION NO. OSH9002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	23.480	23.438	23.382	23.297	23.218	---	1976
1977	---	---	---	---	---	---	---	23.480	23.438	23.382	23.297	23.218	---	1977
1978	---	---	---	---	---	---	---	23.480	23.438	23.382	23.297	23.218	---	1978
MEAN	---	---	---	---	---	---	---	23.480	23.438	23.382	23.297	23.218	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 82 29 40 N
LONG 101 51 10 W NATURAL FLOW

LAC LA MARTRE AT LAC LA MARTRE - STATION NO. C7TA002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	1.589	1.597	---	1.509	---	1.459	1.455	---	---	1976
1977	1.475	---	---	---	1.485	---	---	---	---	---	---	---	---	1977
1978	---	1.454	---	---	---	---	---	---	---	---	---	---	---	1978
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1982	---	---	---	---	---	---	---	---	---	---	1.528	1.526	---	1982
1983	1.522	---	---	---	---	---	---	---	1.771	1.562	1.598	1.510	---	1983
1984	1.598	1.581	1.579	1.589	1.599	1.704	1.785	1.751	1.583	1.585	1.587	1.591	1.595	1984
1985	1.584	1.582	1.581	1.595	1.610	1.948	1.991	1.980	1.922	1.585	1.588	1.581	1.531	1985
1986	1.513	1.798	1.807	1.778	1.600	1.994	2.014	2.020	1.945	1.824	1.799	1.571	1.571	1986
1987	1.785	1.784	1.779	1.742	1.745	1.822	1.812	1.748	1.872	1.873	1.874	1.877	1.743	1987
MEAN	1.553	1.559	1.712	1.701	1.680	1.827	1.893	1.921	1.795	1.710	1.875	1.707	1.775	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 63 08 15 N
LONG 117 17 00 W NATURAL FLOW

LAC LA MARTRE AT LAC LA MARTRE - STATION NO. C7TA002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	1.552 ON JUL 8	1.347 ON SEP 20 *	1978
1980	---	1.719 ON JUL 7	---	1980
1982	---	---	---	1982
1983	2.019 AT 1055 MST ON SEP 27	1.927 ON SEP 27	1.535 ON MAY 17	1983
1984	2.045 AT 1412 MST ON AUG 10	1.982 ON JUL 2	1.555 ON APR 2	1984
1985	2.182 AT 1908 MST ON SEP 5	2.055 ON AUG 12	1.552 ON APR 10	1985
1986	2.305 AT 0354 MST ON AUG 30 *	2.141 ON AUG 23 *	1.748 ON MAY 7	1986
1987	2.038 AT 0133 MST ON JUN 14	1.934 ON JUN 14	1.555 ON SEP 16	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	11.480	11.428	---	---	---	---	1983
1984	---	---	---	---	---	---	11.845	11.592	11.058	10.579	---	---	---	1984
1985	---	---	---	---	---	13.040	11.890	11.114	11.140	10.801	---	---	---	1985
1986	---	---	---	---	---	---	12.099	---	---	---	---	---	---	1986
MEAN	---	---	---	---	---	13.040	11.845	11.385	11.208	10.890	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 68 15 10 N
LONG 134 48 00 W REGULATED SINCE 1988

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	18.310E ON JUN 1 *	10.493E ON OCT 31 *	1985
1986	---	---	---	1986

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

MACKENZIE RIVER (EAST CHANNEL) ABOVE KITTIGAZUIT BAY - STATION NO. 10LC013

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	9.532	---	9.777	9.558	9.342	---	---	1983
1984	---	---	---	---	---	9.918	9.784	9.936	9.426	9.338	---	---	---	1984
1985	---	---	---	---	---	---	9.777	9.544	9.673	---	---	---	---	1985
1987	---	---	---	---	---	10.073	9.538	9.558	9.388	---	---	---	---	1987
MEAN	---	---	---	---	---	9.994	9.853	9.883	9.558	9.447	9.342	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 68 18 20 N

LONG 133 53 36 W

REGULATED SINCE 1968

MACKENZIE RIVER (EAST CHANNEL) ABOVE KITTIGAZUIT BAY - STATION NO. 10LC013

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	11.552 AT 0258 MST ON JUN 5 *	11.418 ON JUN 5 *	9.337 ON AUG 27 *	1985
1987	11.227 AT 1318 MST ON JUN 7	11.182 ON JUN 7	---	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	10.944	11.110	11.246	12.500	12.502	12.446	---	---	11.258	10.843	11.315	---	1984
1985	11.413	11.517	11.547	11.801	12.889	13.801	12.504	11.748	11.727	11.454	10.998	10.988	11.832	1985
1986	11.218	11.285	11.373	11.486	12.389	13.891	12.840	12.386	11.828	11.640	11.001	11.024	11.837	1986
1987	11.186	11.184	11.238	11.352	12.890	13.318	12.028	11.947	11.743	11.140	10.883	10.818	11.825	1987
MEAN	11.287	11.226	11.317	11.416	12.812	13.383	12.404	11.987	11.899	11.373	10.931	11.007	11.761	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 68 22 33 N

LONG 133 46 46 W

REGULATED SINCE 1968

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1984	---	---	---	1984
1985	---	---	---	1985
1986	15.931 AT 1052 MST ON JUN 7 *	16.192 ON JUN 2 *	10.716 ON NOV 29	1986
1987	15.703 AT 1730 MST ON JUN 3	15.870 ON JUN 7	10.708 ON DEC 2	1987
		15.588 ON JUN 3	10.835 ON DEC 14 *	

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (EAST CHANNEL) NEAR REINDEER DEPOT - STATION NO. 10LC001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	25.22	---	---	---	---	---	1982
1984	---	---	---	---	---	---	---	24.934	---	---	---	---	---	1984
MEAN	---	---	---	---	---	---	---	25.077	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 68 38 00 N

LONG 134 05 00 W

NATURAL FLOW

NORTHWEST TERRITORIES

27

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	12.518	12.388	12.058	---	---	---	---	---	1984
1985	---	---	---	---	---	13.451	12.483	11.794	11.703	11.346	---	---	---	1985
1986	---	---	---	---	---	13.989	---	---	---	---	---	---	---	1986
MEAN	---	---	---	---	---	13.314	12.406	11.930	11.703	11.346	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 68 23 50 N
LONG 133 59 00 W REGULATED SINCE 1986

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC005

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1984	---	---	---	1984
1985	16.304 AT 0910 MST ON JUN 2 *	16.178 ON JUN 2 *	11.002E ON OCT 31 *	1985
1986	16.127 AT 2021 MST ON JUN 6	15.985 ON JUN 7	---	1986

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (MARCUS CHANNEL) BELOW MIDDLE CHANNEL - STATION NO. 10MC009

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	---	9.931	10.111	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	11.134	10.946	10.843	10.421	10.147	---	---	---	1984
1985	---	---	---	---	---	11.797	10.994	10.471	10.893	10.327	---	---	---	1985
1986	---	---	---	---	---	---	11.025	---	---	---	---	---	---	1986
MEAN	---	---	---	---	---	11.466	10.876	10.574	10.489	10.208	9.931	10.111	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 68 47 55 N
LONG 134 41 45 W REGULATED SINCE 1986

MACKENZIE RIVER (MARCUS CHANNEL) BELOW MIDDLE CHANNEL - STATION NO. 10MC009

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	13.587E ON JUN 4 *	9.908 ON OCT 30 *	1985
1986	---	---	---	1986

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT - STATION NO. 10LC012

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	10.295	10.149	9.890	10.080	9.984	---	---	1983
1984	---	---	---	---	---	10.787	10.848	10.471	10.234	---	---	---	---	1984
1985	---	---	---	---	---	11.481	10.559	10.124	---	---	---	---	---	1985
1986	---	---	---	---	---	---	---	---	---	---	---	---	---	1986
1987	---	---	---	---	---	11.173	10.189	10.315	10.223	9.811	9.821	9.750	---	1987
MEAN	---	---	---	---	---	11.140	10.400	10.285	10.116	10.038	9.843	9.750	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 69 00 57 N
LONG 134 41 32 W REGULATED SINCE 1986

NORTHWEST TERRITORIES

MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT - STATION NO. 10LC012

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	13.424 AT 1842 MST ON JUN 3 *	13.337 ON JUN 3 *	9.948 ON AUG 27	1985
1986	13.416 AT 0433 MST ON JUN 8	13.336 ON JUN 8	9.399 ON NOV 17 *	1986
1987	13.006 AT 0213 MST ON JUN 5	12.940 ON JUN 5	---	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (MIDDLE CHANNEL) BELOW RAYMOND CHANNEL - STATION NO. 10MC008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	11.527	---	11.060	---	---	---	1982
1983	---	---	---	---	---	---	---	11.382	11.241	10.768	---	---	---	1983
1984	---	---	---	---	---	12.307	12.387	11.979	11.528	11.005	---	---	---	1984
1985	---	---	---	---	---	13.375	12.405	11.808	11.523	11.092	---	---	---	1985
1986	---	---	---	---	---	14.094	12.592	---	---	---	---	---	---	1986
MEAN	---	---	---	---	---	13.259	12.885	11.848	11.421	10.981	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 58 17 35 N
LONG 134 25 20 W

REGULATED SINCE 1988

MACKENZIE RIVER (MIDDLE CHANNEL) BELOW RAYMOND CHANNEL - STATION NO. 10MC008

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	16.727 ON JUN 2	10.310 ON NOV 8 *	1985
1986	16.586 AT 1840 MST ON JUN 8 *	16.396 ON JUN 8 *	---	1986

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (OUTFLOW MIDDLE CHANNEL) BELOW LANGLEY ISLAND - STATION NO. 10MC010

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	9.853	10.108	---	---	---	1982
1983	---	---	---	---	---	---	---	---	10.188	---	---	---	---	1983
1984	---	---	---	---	---	10.645	10.333	---	---	---	---	---	---	1984
1985	---	---	---	---	---	11.106	10.497	10.088	10.209	10.008	---	---	---	1985
MEAN	---	---	---	---	---	10.878	10.415	10.088	10.083	10.058	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 59 05 07 N
LONG 138 07 20 W

REGULATED SINCE 1988

MACKENZIE RIVER (OUTFLOW MIDDLE CHANNEL) BELOW LANGLEY ISLAND - STATION NO. 10MC010

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	12.574 ON JUN 3 *	8.777 ON OCT 31 *	1985

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

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MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MCOO3

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	10.823	10.440	10.508	---	---	---	1982
1983	---	---	---	---	---	---	---	10.872	10.874	---	---	---	---	1983
1984	---	---	---	---	---	11.843	11.485	11.240	10.788	10.338	---	---	---	1984
1985	---	---	---	---	---	12.781	11.507	10.788	10.821	10.498	---	---	---	1985
1986	---	---	---	---	---	13.292	11.871	---	---	---	---	---	---	1986
MEAN	---	---	---	---	---	12.842	11.584	10.801	10.875	10.447	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 68 12 50 N

LONG 135 08 50 W

REGULATED SINCE 1988

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MCOO3

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	14.947E ON JUN 1	10.082 ON NOV 8 *	1985
1986	15.374E AT 1812 MST ON JUN 8 *	15.251E ON JUN 8 *	---	1986

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (PEEL CHANNEL) AT AKLAVIK - STATION NO. 10MCOO1

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	---	---	---	---	4.108	---	---	---	---	---	1987
1988	---	---	---	---	---	5.588	4.305	---	---	---	---	---	---	1988
MEAN	---	---	---	---	---	5.588	4.305	4.108	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 68 13 10 N

LONG 135 00 00 W

NATURAL FLOW

MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND - STATION NO. 10MCO11

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	9.351	9.894	---	---	---	1982
1983	---	---	---	---	---	---	9.563	9.528	9.874	9.823	---	---	---	1983
1984	---	---	---	---	---	10.156	9.815	---	---	9.398	---	---	---	1984
1985	---	---	---	---	---	---	9.857	---	---	9.571	---	---	---	1985
1987	---	---	---	---	---	10.279	9.580	9.708	9.868	9.330	---	---	---	1987
MEAN	---	---	---	---	---	10.218	9.704	9.818	9.564	9.495	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 69 01 15 N

LONG 135 33 15 W

REGULATED SINCE 1988

MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND - STATION NO. 10MCO11

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	11.848 ON JUN 3 *	9.328 ON OCT 11 *	1985
1987	11.583 AT 1015 MST ON JUN 8 *	11.518 ON JUN 8	---	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

MACKENZIE RIVER AT BEAVER LAKE - STATION NO. 07UB001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	153.235	153.095	---	---	---	---	1971
MEAN	---	---	---	---	---	---	---	153.235	153.095	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 61 13 10 N
LONG 117 22 10 W REGULATED SINCE 1968

MACKENZIE RIVER AT CAMSELL BEND - STATION NO. 10GB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	103.782	103.482	---	---	---	---	1971
1972	---	---	---	---	---	---	105.870	105.037	104.053	103.833	---	---	---	1972
MEAN	---	---	---	---	---	---	105.870	104.415	103.788	103.833	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 62 18 02 N
LONG 123 21 08 W REGULATED SINCE 1968

MACKENZIE RIVER AT FORT GOOD HOPE - STATION NO. 10LD001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	4.217	---	---	---	---	---	1963
1964	---	---	---	---	---	---	---	4.400	3.448	---	---	---	---	1964
1965	---	---	---	---	---	---	4.281	3.137	2.382	---	---	---	---	1965
1966	---	---	---	---	---	---	4.773	3.440	2.282	---	---	---	---	1966
1967	---	---	---	---	---	---	---	3.382	2.420	---	---	---	---	1967
1968	---	---	---	---	---	---	---	2.882	2.448	---	---	---	---	1968
1969	---	---	---	---	---	3.884	3.278	3.059	2.282	1.001	---	---	---	1969
1970	---	---	---	---	---	---	4.222	3.133	1.850	1.928	---	---	---	1970
1971	---	---	---	---	---	---	---	2.870	1.585	---	---	---	---	1971
1972	---	---	---	---	---	---	4.857	4.078	2.153	---	---	---	---	1972
1973	---	---	---	---	---	5.575	4.415	3.152	2.831	---	---	---	---	1973
1974	---	---	---	---	---	5.388	5.303	5.309	3.079	---	---	---	---	1974
1975	---	---	---	---	---	---	5.028	3.389	2.171	1.808	---	---	---	1975
1976	---	---	---	---	---	---	5.477	4.021	3.181	---	---	---	---	1976
1977	---	---	---	---	---	---	4.842	3.411	2.083	---	---	---	---	1977
1978	---	---	---	---	---	---	5.113	4.559	3.411	1.052	---	---	---	1978
1979	---	---	---	---	---	---	3.121	1.944	1.052	---	---	---	---	1979
1980	---	---	---	---	---	---	5.483	3.437	2.307	---	---	---	---	1980
1981	---	---	---	---	---	---	---	2.804	2.484	1.087	0.885	---	---	1981
1982	---	---	---	---	---	---	4.388	2.807	1.239	---	---	---	---	1982
1983	---	---	---	---	---	---	5.889	3.708	3.344	2.173	---	---	---	1983
1984	---	---	---	---	---	---	---	2.930	2.693	---	---	---	---	1984
1985	---	---	---	---	---	---	4.377	4.903	3.899	3.084	---	---	---	1985
1986	---	---	---	---	---	---	5.780	5.288	3.355	2.883	2.072	---	---	1986
1987	---	---	---	---	---	---	5.204	5.825	4.284	2.810	---	---	---	1987
MEAN	---	---	---	---	---	---	5.248	4.390	3.388	2.372	1.474	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM
APPLY 17.948 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)LOCATION - LAT 66 15 15 N
LONG 128 38 00 W REGULATED SINCE 1968

REMARKS - THE WATER LEVELS SHOWN IN THE 1979 SURFACE WATER DATA PUBLICATION ARE IN ERROR BY -9.373 M

NORTHWEST TERRITORIES

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MACKENZIE RIVER AT FORT CORD HOPE - STATION NO. 10LD001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	5.842 AT 0300 MST ON AUG 24	4.928 ON AUG 24	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	7.972 AT 2100 MST ON JUL 5	7.058 ON JUL 5	---	1975
1976	---	---	---	1976
1977	8.448 AT 1900 MST ON JUN 10 *	7.545 ON JUN 10 *	---	1977
1978	5.549 AT 0335 MST ON JUN 12	4.833 ON JUN 12	---	1978
1979	7.798 AT 1330 MST ON JUL 10	5.807 ON JUL 10	---	1979
1980	---	---	---	1980
1981	---	4.004 ON JUL 24	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	5.095 ON JUN 17	---	1984
1985	5.831 AT 1902 MST ON JUN 8	5.811 ON JUN 8	1.5902 ON OCT 22 *	1985
1986	7.231 AT 0035 MST ON JUN 29	7.177 ON JUN 29	1.593 ON OCT 12	1986
1987	---	---	---	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 17.848 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER AT HEAD-OF-THE-LINE - STATION NO. 10P8003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	22.479	22.381	21.963	---	---	---	---	1971
MEAN	---	---	---	---	---	---	22.479	22.381	21.963	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 81 21 02 N
LONG 120 01 00 W

REGULATED SINCE 1968

MACKENZIE RIVER AT KILOMETRE 1070 - STATION NO. 10KD003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	28.971	28.795	28.277	---	---	---	1973
MEAN	---	---	---	---	---	---	---	28.971	28.795	28.277	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 86 05 00 N
LONG 120 04 29 W

REGULATED SINCE 1968

MACKENZIE RIVER AT KILOMETRE 1291 - STATION NO. 10LB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	3.984	2.977	---	---	---	---	---	1973
MEAN	---	---	---	---	---	---	3.984	2.977	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 87 27 00 N
LONG 120 04 00 W

REGULATED SINCE 1968

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (OPS) (CANADA)

NORTHWEST TERRITORIES

MACKENZIE RIVER AT KILOMETRE 1381 - STATION NO. 10LB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	2.187	0.908	---	---	---	---	---	1973
MEAN	---	---	---	---	---	---	2.187	0.908	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 67 18 00 N
LONG 132 22 00 W

REGULATED SINCE 1988

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (OPS) (CANADA)

MACKENZIE RIVER AT KILOMETRE 1503 - STATION NO. 10LC005

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	3.315	---	---	---	---	---	1973
MEAN	---	---	---	---	---	---	---	3.315	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 67 53 00 N
LONG 134 20 00 W

REGULATED SINCE 1988

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (OPS) (CANADA)

MACKENZIE RIVER AT KILOMETRE 518 - STATION NO. 10EB004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	100.928	99.704	98.819	98.868	---	---	---	1973
MEAN	---	---	---	---	---	---	100.928	99.704	98.819	98.868	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 62 48 48 N
LONG 123 12 30 W

REGULATED SINCE 1988

MACKENZIE RIVER AT KILOMETRE 881 - STATION NO. 10HB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	77.515	78.841	78.584	---	---	---	---	1973
MEAN	---	---	---	---	---	---	77.515	78.841	78.584	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 64 01 05 N
LONG 124 28 28 W

REGULATED SINCE 1988

MACKENZIE RIVER AT KILOMETRE 710 - STATION NO. 10HC004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	88.557	88.437	---	---	---	---	1973
MEAN	---	---	---	---	---	---	---	88.557	88.437	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 64 15 55 N
LONG 124 28 30 W

REGULATED SINCE 1988

MACKENZIE RIVER AT KILOMETRE 883 - STATION NO. 10KA004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	48.215	48.481	---	---	---	---	1973
MEAN	---	---	---	---	---	---	---	48.215	48.481	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 64 59 08 N
LONG 126 10 48 W

REGULATED SINCE 1988

NORTHWEST TERRITORIES

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MACKENZIE RIVER AT MCCORM ISLAND - STATION NO. 10GB003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	22.442	---	---	---	---	1972
MEAN	---	---	---	---	---	---	---	---	22.442	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

 LOCATION - LAT 52 39 25 N
 LONG 123 13 30 W REGULATED SINCE 1968

MACKENZIE RIVER AT MILLS LAKE - STATION NO. 10FB004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	27.857	27.738	---	---	---	---	---	1971
MEAN	---	---	---	---	---	---	27.857	27.738	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

 LOCATION - LAT 51 28 21 N
 LONG 118 03 00 W REGULATED SINCE 1968

MACKENZIE RIVER AT NORMAN - STATION NO. 10JC001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	0.900	0.479	0.418	0.398	---	---	---	1945
MEAN	---	---	---	---	---	---	0.900	0.479	0.418	0.398	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

 LOCATION - LAT 54 54 30 N
 LONG 125 35 30 W

MACKENZIE RIVER AT OLD FORT POINT - STATION NO. 10NA001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	21.831	20.837	19.205	18.573	---	---	---	1972
MEAN	---	---	---	---	---	---	21.831	20.837	19.205	18.573	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

 LOCATION - LAT 54 41 08 N
 LONG 128 00 05 W REGULATED SINCE 1968

MACKENZIE RIVER AT RABBITSKIN RIVER - STATION NO. 10FB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	22.889	22.742	22.844	---	---	---	---	1971
MEAN	---	---	---	---	---	---	22.889	22.742	22.844	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

 LOCATION - LAT 51 45 40 N
 LONG 120 41 35 W REGULATED SINCE 1968

NORTHWEST TERRITORIES

MACKENZIE RIVER AT SANS SAULT RAPIDS - STATION NO. 10K8001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	17.83	---	---	---	---	---	1962
1964	---	---	---	---	---	---	---	17.088	---	---	---	---	---	1964
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 1														
1968	---	---	---	---	---	---	---	---	4.824	---	---	---	---	1968
1969	---	---	---	---	---	5.529	5.121	4.874	4.352	---	---	---	---	1969
1970	---	---	---	---	---	---	5.823	---	---	4.351	---	---	---	1970
1971	---	---	---	---	---	---	---	4.903	3.975	---	---	---	---	1971
1972	---	---	---	---	---	---	5.297	5.818	4.432	3.856	---	---	---	1972
1973	---	---	---	---	---	5.595	5.882	5.082	4.838	4.023	---	---	---	1973
1974	---	---	---	---	---	5.486	5.415	5.344	4.994	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	---	---	4.437	5.282	5.238	4.484	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	5.159	4.358	---	---	---	1977
1978	---	---	---	---	---	---	5.953	5.208	4.422	3.997	---	---	---	1978
1979	---	---	---	---	---	---	5.400	4.885	4.080	---	---	---	---	1979
1980	---	---	---	---	---	---	5.591	5.203	4.514	3.881	---	---	---	1980
1981	---	---	---	---	---	---	5.001	---	3.773	---	---	---	---	1981
1982	---	---	---	---	---	---	4.901	3.914	3.519	---	---	---	---	1982
1984	---	---	---	---	---	5.830	5.915	5.134	4.787	---	---	---	---	1984
1985	---	---	---	---	---	5.531	5.181	4.973	4.847	4.204	---	---	---	1985
1986	---	---	---	---	---	---	5.511	5.433	4.435	4.255	---	---	---	1986
1987	---	---	---	---	---	---	5.593	5.182	4.486	---	---	---	---	1987

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 2
 APPLY 23.430 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 55 48 54 N
 LONG 128 45 03 W REGULATED SINCE 1988

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

MACKENZIE RIVER AT SANS SAULT RAPIDS - STATION NO. 10K8001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1962	---	---	---	1962
1964	---	---	---	1964
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 1				
1968	---	---	---	1968
1969	5.130 AT 1500 MST ON AUG 23	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	7.730 AT 1200 MST ON JUL 5	7.898 ON JUL 5	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	5.355 AT 2345 MST ON JUN 11	5.234 ON JUN 11	---	1978
1979	7.872 AT 0410 MST ON JUL 10	7.828 ON JUL 10	---	1979
1980	---	5.7802 ON JUL 24	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1984	---	5.800 ON JUN 17	---	1984
1985	7.597 AT 1915 MST ON JUN 28	7.175 ON JUN 8	3.885 ON OCT 21	1985
1986	---	7.972 ON JUN 28	4.086 ON OCT 11	1986
1987	---	---	---	1987

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 2
 APPLY 23.430 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

A - MANUAL GAUGE
 (SEE REFERENCE INDEX)

MACKENZIE RIVER AT THE RAMPARTS - STATION NO. 10K8002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	2.514	---	---	---	---	1973
MEAN	---	---	---	---	---	---	---	---	2.514	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 55 11 00 N
 LONG 129 02 30 W REGULATED SINCE 1988

NORTHWEST TERRITORIES

75

MACKENZIE RIVER BELOW POINT SEPARATION - STATION NO. 10LC011

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	13.270	13.280	---	---	---	1982
1983	---	---	---	---	---	---	13.897	13.928	13.284	---	---	---	---	1983
1984	---	---	---	---	---	---	14.895	14.280	13.870	13.490	---	---	---	1984
1985	---	---	---	---	---	---	14.981	13.985	13.788	13.588	---	---	---	1985
MEAN	---	---	---	---	---	---	14.981	13.984	13.538	13.439	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 57 39 40 N
LONG 134 08 10 W REGULATED SINCE 1988

MACKENZIE RIVER BELOW POINT SEPARATION - STATION NO. 10LC011

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	15.391 ON JUL 8 *	13.305 ON OCT 20 *	1985

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY -10.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER NEAR ARCTIC RED RIVER - STATION NO. 10L8001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
MEAN	---	---	---	---	---	---	---	15.408	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 67 27 00 N
LONG 133 46 00 W NATURAL FLOW

MACKENZIE RIVER NEAR BLACKWATER RIVER - STATION NO. 10NC002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	80.572	79.836	78.727	---	---	---	---	---	1972
MEAN	---	---	---	---	---	80.572	79.836	78.727	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LOCATION - LAT 53 53 25 N
LONG 134 15 00 W REGULATED SINCE 1988

MACKENZIE RIVER NEAR PORT NORMAN - STATION NO. 10K8003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	14.53	---	---	---	---	---	1982
MEAN	---	---	---	---	---	---	---	14.53	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 54 54 00 N
LONG 126 39 00 W NATURAL FLOW

NORTHWEST TERRITORIES

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10F8001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	3.488	3.315	3.978	2.884	---	---	1979
1980	---	---	---	---	---	2.839	2.893	2.498	2.428	2.420	2.808	---	---	1980
1981	---	---	---	---	---	3.211	3.879	2.889	2.515	---	---	---	---	1981
1982	---	---	---	---	---	3.086	3.182	2.887	2.911	2.787	---	---	---	1982
1983	---	---	---	---	---	3.093	3.148	3.183	3.047	2.980	---	---	---	1983
1984	---	---	---	---	---	3.389	3.417	3.279	3.183	3.137	---	---	---	1984
1985	---	---	---	---	---	3.950	3.773	3.395	3.158	3.095	---	---	---	1985
1986	---	---	---	---	---	3.889	3.816	3.458	3.275	2.988	---	---	---	1986
1987	---	---	---	---	---	3.823	---	---	3.252	---	---	---	---	1987
MEAN	---	---	---	---	---	3.395	3.284	3.117	2.998	2.913	2.850	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 148.914 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 61 15 04 N DRAINAGE AREA, 971 000 km²
LONG 117 29 48 W REGULATED SINCE 1988

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10F8001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	3.330 ON JUN 7	---	1982
1983	---	---	---	1983
1984	3.276 AT 1422 MST ON AUG 20	3.288 ON AUG 20	---	1984
1985	4.044 AT 1401 MST ON JUN 23	4.034 ON JUN 23	---	1985
1986	4.088 AT 0328 MST ON JUN 10 *	4.037 ON JUN 8 *	2.891 ON OCT 29	1986
1987	3.709 AT 0205 MST ON JUN 23	3.991 ON JUN 25	2.894 ON OCT 31 *	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 148.914 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER NEAR LITTLE CHICAGO - STATION NO. 10L8001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	15.087	---	---	---	---	---	1984
MEAN	---	---	---	---	---	---	---	15.087	---	---	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 57 14 00 N
LONG 130 18 00 W NATURAL FLOW

MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10W8001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	11.848	---	---	---	---	---	---	---	---	1982
1984	8.914	8.176	8.458	8.972	8.898	---	---	8.879	7.808	8.972	---	---	---	1984
1985	---	---	---	---	---	8.782	8.808	7.398	8.857	8.482	---	---	---	1985
1986	---	---	8.542	8.273	8.928	8.704	8.880	7.842	8.728	8.322	---	---	---	1986
1987	---	---	---	---	8.528	8.828	8.889	7.802	8.588	---	---	---	---	1987
1988	---	---	---	5.270	---	---	---	---	---	---	---	---	---	1988
1971	---	---	---	---	---	---	8.044	8.243	8.868	---	---	---	---	1971
1972	---	---	---	---	---	---	8.891	---	8.718	---	---	---	---	1972
1973	---	---	---	---	---	---	8.862	---	---	8.088	---	---	---	1973
1974	---	---	---	---	---	---	8.888	8.533	8.846	7.330	8.892	---	---	1974
1975	---	---	---	---	---	---	---	---	8.558	---	---	---	---	1975
1976	---	---	---	---	---	---	---	---	---	---	8.091	---	---	1976
1977	---	---	---	---	---	10.887	8.888	7.898	8.711	---	---	---	---	1977
1978	---	---	---	---	---	8.240	7.859	8.850	---	---	---	---	---	1978
1979	---	---	---	---	---	8.780	7.788	7.889	8.783	8.897	---	---	---	1979
1980	---	---	---	---	---	7.385	7.181	8.182	8.838	8.730	---	---	---	1980
1981	---	---	---	---	---	---	7.031	8.884	8.888	---	---	---	---	1981
1982	---	---	---	---	---	---	7.385	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	7.200	8.884	8.177	---	---	---	---	1983
1984	---	---	---	---	---	---	---	7.246	8.804	8.185	---	---	---	1984
1985	---	---	---	---	---	---	8.044	7.380	7.188	---	---	---	---	1985
1986	---	---	---	---	---	8.823	8.782	7.888	---	8.840	---	---	---	1986
1987	---	---	---	---	---	---	8.384	7.880	8.811	8.178	---	---	---	1987
MEAN	8.914	8.176	8.898	8.905	8.474	8.283	8.424	7.384	8.838	8.377	8.788	8.818	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 83.017 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

LOCATION - LAT 53 15 58 N
LONG 123 35 50 W REGULATED SINCE 1988

NORTHWEST TERRITORIES

37

MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10HCO01

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	11.405 AT 1800 MST ON JUL 22	---	---	1974
1975	---	11.849 ON JUL 3	---	1975
1976	---	12.314 ON JUN 8	---	1976
1977	---	8.754 ON JUN 12	---	1977
1978	8.772 AT 2130 MST ON JUN 11	11.387 ON JUL 8	---	1978
1979	11.800 AT 1100 MST ON JUL 8 *	---	---	1979
1980	---	12.939 ON MAY 5 *	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	9.128 ON JUN 10	5.704 ON OCT 1	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	11.545 AT 2027 MST ON JUL 7	11.459 ON JUL 8	5.500 ON NOV 2 *	1986
1987	---	---	---	1987

WATER LEVELS REFERRED TO ASSUMED DATUM

APPLY 82.017 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARJORIE LAKE AT BUTLEY - STATION NO. 08KCO02

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	13.814	13.429	13.883	13.925	13.777	---	13.559	13.891	13.971	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	14.024	13.935	13.787	13.710	---	---	---	14.081	---	---	---	1969
1970	---	---	---	13.738	13.807	13.848	13.888	13.780	13.900	---	---	---	---	1970
1973	---	---	---	---	---	---	---	---	13.883	13.880	13.880	---	---	1973
1974	---	---	---	---	---	---	---	13.879	13.879	13.461	13.437	13.808	---	1974
1975	---	---	---	---	---	14.085	13.918	13.735	13.890	---	---	---	---	1975
1976	---	---	---	---	---	---	14.286	14.025	13.998	13.873	---	---	---	1976
1977	13.892	13.887	13.828	13.728	13.834	14.138	13.802	13.722	13.778	13.833	13.875	13.914	13.883	1977
1978	13.899	13.821	13.828	13.788	13.825	13.738	14.388	14.041	13.822	13.851	13.894	---	---	1978
1979	---	---	---	---	13.499	13.898	14.012	13.848	13.782	13.880	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	12.413	13.428	---	---	13.313	13.813	13.838	13.781	13.742	13.498	13.398	13.488	---	1981
1982	12.780	13.818	13.885	13.913	13.701	13.777	13.829	13.747	13.899	13.702	13.785	13.743	---	1982
1983	13.789	---	13.829	13.878	13.909	13.788	13.893	13.805	13.788	13.813	13.785	13.812	13.789	1983
1984	12.839	13.874	13.815	13.788	13.882	14.131	14.387	14.170	14.217	14.225	14.229	14.289	14.055	1984
1985	14.213	14.055	14.008	13.834	13.787	14.020	14.187	14.138	14.064	13.945	13.827	13.873	14.018	1985
1986	13.904	13.820	13.802	13.834	13.721	14.161	14.255	14.070	13.982	13.889	13.867	13.825	13.941	1986
1987	13.847	13.839	13.828	13.777	13.827	13.829	14.198	13.988	13.880	13.900	13.783	13.889	13.884	1987
MEAN	13.882	13.842	13.883	13.776	13.894	13.889	14.057	13.883	13.838	13.789	13.782	13.778	13.817	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 84 13 52 N
LONG 99 28 37 W NATURAL FLOW

NORTHWEST TERRITORIES

MARJORIE LAKE AT OUTLET - STATION NO. 08K0002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1966	---	---	---	1966
1967	14.012 AT 1800 CST ON JUL 9	13.984 ON JUL 8	---	1967
1968	---	---	---	1968
1969	14.338 AT 0400 CST ON JUL 18	14.335 ON JUL 17	---	1969
1970	13.980 AT 2200 CST ON SEP 19	13.954 ON SEP 19	---	1970
1973	---	---	---	1973
1974	---	---	---	1974
1975	14.161 AT 1329 CST ON JUN 20	14.155 ON JUN 18	---	1975
1976	14.548 AT 1818 CST ON JUN 23	14.539 ON JUN 24	---	1976
1977	---	14.225 ON JUN 18	---	1977
1978	14.487 AT 2319 CST ON JUL 9	14.472 ON JUL 9	13.558 ON MAY 18	1978
1979	14.103 AT 1121 CST ON JUL 8	14.089 ON JUL 8	13.530 ON JUN 10	1979
1980	---	---	---	1980
1981	---	13.8144 ON JUN 10	---	1981
1982	14.017 AT 1700 CST ON JUL 9	13.8034 ON JUL 17	13.284 ON MAY 28	1982
1983	14.135 AT 1858 CST ON JUN 27	14.015 ON JUL 9	13.825 ON MAY 31	1983
1984	14.524 AT 0100 CST ON JUN 28	14.127 ON JUL 3	13.429 ON MAY 24	1984
1985	---	14.513 ON JUN 27	13.510 ON MAY 30	1985
1986	14.308 AT 2054 CST ON JAN 18	---	---	1986
1987	14.325 AT 0848 CST ON JUL 7	14.300 ON JAN 19	13.715 ON JUN 2	1987
1988	14.295 AT 1708 CST ON JUL 3	14.326 ON JUL 8	13.571 ON MAY 11	1988
1989	---	14.287 ON JUL 3	13.579 ON JUN 1	1989

WATER LEVELS REFERRED TO ASSUMED DATUM

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NONACHO LAKE NEAR SNOWDRIFT - STATION NO. 0700002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	3.538	3.408	3.500	---	---	4.232	---	---	---	---	---	1963
1964	---	---	---	---	3.792	4.459	4.389	4.045	3.788	3.830	3.588	3.528	---	1964
1965	3.428	---	3.192	3.108	3.223	---	4.205	4.185	3.928	3.721	3.694	---	---	1965
1966	---	3.458	---	3.118	3.239	3.825	4.020	---	4.079	4.021	---	---	---	1966
1967	3.845	---	3.441	3.230	3.224	3.855	4.087	4.218	4.191	---	---	---	---	1967
1968	---	---	---	---	3.494	---	---	---	---	---	---	---	---	1968
1969	8.158	---	---	---	---	---	---	---	---	8.380	8.387	8.307	---	1969
1970	---	---	---	---	---	---	---	---	---	---	8.532	8.531	---	1970
1971	8.413	---	---	---	5.084	5.312	5.525	5.894	5.849	5.042	5.151	5.158	---	1971
1972	8.079	8.974	8.881	8.778	8.924	8.077	8.095	8.020	8.913	8.832	8.800	8.787	5.929	1972
1973	---	8.582	---	---	---	---	5.345	---	---	---	---	---	---	1973
1974	8.987	8.588	8.782	8.884	8.887	8.179	8.280	8.234	8.257	8.252	8.192	8.103	8.088	1974
1975	---	---	---	---	8.888	8.882	8.049	8.172	8.378	8.490	8.402	8.271	---	1975
1976	8.073	8.938	---	---	---	---	8.823	8.522	8.477	8.389	8.234	8.104	---	1976
1977	8.974	8.890	8.738	8.882	8.973	8.848	8.895	8.328	8.181	8.038	8.915	8.814	5.032	1977
1978	8.717	8.847	8.538	8.409	8.484	8.748	8.824	8.532	8.889	8.022	8.004	8.857	5.780	1978
1979	8.860	8.787	8.834	8.498	8.608	8.791	8.008	8.052	8.977	8.895	8.825	8.822	---	1979
1980	8.745	8.849	8.892	8.482	8.435	8.890	8.184	8.141	8.058	8.953	8.910	8.819	5.821	1980
1981	8.737	8.842	8.513	8.379	8.494	8.890	8.730	8.984	8.838	8.588	8.783	8.783	8.841	1981
1982	8.789	8.702	8.833	8.888	8.924	8.098	8.337	---	---	8.391	8.309	---	---	1982
1983	8.153	8.089	8.867	8.898	8.951	8.895	8.758	8.470	8.328	8.359	8.318	8.192	8.287	1983
1984	8.082	8.883	8.883	8.775	8.713	8.951	8.184	8.283	8.348	8.340	8.308	8.195	8.075	1984
1985	8.072	8.973	8.875	8.618	8.031	8.182	8.288	8.283	8.227	8.288	8.234	8.281	8.133	1985
1986	8.190	8.089	8.980	8.907	8.130	8.889	8.824	8.442	8.245	8.038	8.024	8.879	8.197	1986
1987	8.892	8.779	8.831	8.482	8.448	8.797	8.098	8.204	8.288	8.281	8.232	8.187	8.939	1987
1988	8.114	8.024	8.838	8.875	8.043	8.288	8.385	8.304	8.280	8.202	8.230	8.255	8.158	1988
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
MEAN	8.883	8.732	8.284	8.026	8.083	8.710	8.841	8.788	8.717	8.880	8.884	8.911	8.891	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 81 43 50 N
LONG 109 40 15 W NATURAL FLOW

NORTHWEST TERRITORIES

39

NORWICH LAKE NEAR SNOWDRIFT - STATION NO. 0700002

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	5 123 ON JAN 1	5 736 ON DEC 31	1972
1973	---	---	---	1973
1974	---	5 397 ON SEP 29	5 557 ON APR 30	1974
1975	---	---	---	1975
1976	---	5 751 ON JUN 27	---	1976
1977	---	5 535 ON JUL 2	5 511 ON APR 23	1977
1978	5 084 AT 2340 MST ON AUG 6	5 035 ON OCT 15	5 361 ON APR 29	1978
1979	5 224 AT 1243 MST ON JUL 22	5 078 ON AUG 10	5 419 ON MAY 4	1979
1980	---	5 218 ON JUL 22	5 355 ON MAY 13	1980
1981	---	5 802 ON NOV 28	---	1981
1982	5 553 AT 1310 MST ON JUL 4 *	---	5 332 ON APR 23 *	1982
1983	5 377 AT 1711 MST ON SEP 15	5 878 ON JUL 4 *	5 513 ON APR 30	1983
1984	5 354 AT 0645 MST ON NOV 22	5 370 ON SEP 15	5 820 ON MAY 10	1984
1985	---	5 350 ON NOV 22	5 589 ON MAY 23	1985
1986	5 738 AT 0834 MST ON JUN 19	---	5 787 ON APR 19	1986
1987	---	5 732 ON JUN 23	---	1987
1988	5 411 AT 0830 MST ON JUL 16	5 283 ON SEP 26	5 581 ON MAY 4	1988
1989	---	5 404 ON JUL 16	5 394 ON MAY 7	1989
1990	---	---	5 556 ON APR 27	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

* - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MUELTLIN LAKE NEAR SMITH BAY - STATION NO. 08H0001

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	273 040	273 150	273 233	---	---	---	---	---	1971
1972	---	---	---	272 595	---	---	---	273 030	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	273 780	272 983	273 885	273 784	273 482	273 397	273 182	273 133	---	---	1974
1975	---	---	---	---	273 921	273 801	273 853	273 871	273 441	273 328	---	---	---	1975
1976	273 328	273 187	272 976	272 891	272 889	273 245	273 628	273 781	273 785	273 726	273 646	273 845	273 383	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	---	272 691	272 875	273 365	---	---	273 199	273 382	273 424	---	---	1978
1979	273 102	272 998	272 877	273 787	272 780	273 339	273 867	273 881	273 526	273 447	273 353	273 280	273 230	1979
1980	273 123	273 024	272 843	272 857	272 806	273 384	274 123	274 181	274 099	273 958	273 827	273 718	273 808	1980
1981	273 597	---	---	---	---	---	---	---	273 815	273 883	273 581	273 484	---	1981
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
1985	273 322	273 173	273 047	272 841	272 842	---	---	273 782	273 696	273 567	---	---	---	1985
1986	---	---	---	---	---	---	---	274 157	274 035	273 881	273 593	---	---	1986
1987	---	---	273 010	272 839	273 947	---	---	---	---	---	---	---	---	1987
1988	---	---	---	---	---	---	---	---	---	---	---	---	---	1988
1989	---	---	---	---	---	---	---	---	---	---	---	---	---	1989
1990	---	---	---	---	---	---	---	---	---	---	---	---	---	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 80 28 40 N
LONG 99 39 50 W NATURAL FLOW

MUELTLIN LAKE NEAR SMITH BAY - STATION NO. 08H0001

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	273 829 AT 0421 CST ON AUG 31	273 817 ON JUL 7	---	1979
1980	---	273 886 ON JUL 25	---	1980
1981	---	273 814 ON AUG 28	272 808 ON MAY 14	1981
1982	---	---	---	1982
1983	273 717 AT 1048 CST ON JUL 30	---	---	1983
1984	274 383 AT 1728 CST ON JUL 31 *	273 716 ON JUL 29	273 781 ON MAY 14	1984
1985	---	274 245 ON JUL 21 *	273 718 ON APR 26 *	1985
1986	---	---	273 783 ON MAY 15	1986
1987	273 818 AT 0338 MST ON AUG 2	---	---	1987
1988	---	273 806 ON AUG 4	---	1988
1989	---	274 191 ON JUL 13	272 881 ON MAY 8	1989
1990	---	---	272 893 ON MAY 1	1990

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

POCKET LAKE NEAR YELLOWKNIFE - STATION NO. 0758008

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	29.455	29.497	29.408	29.322	29.286	---	---	---	---	1967
1968	---	---	---	---	---	29.609	29.517	29.420	29.450	29.457	---	---	---	1968
1969	29.536	29.536	29.541	29.559	29.681	29.636	29.543	29.501	29.555	29.457	29.499	29.524	---	1969
1970	---	---	---	---	29.750	29.680	29.585	---	---	---	---	---	---	1970
1971	---	---	---	---	---	29.639	29.518	29.458	29.443	29.486	29.509	---	---	1971
1972	---	---	---	29.861	---	---	---	29.489	29.448	29.481	---	---	---	1972
1973	---	---	---	---	29.716	---	29.581	---	---	---	---	---	---	1973
1974	---	---	---	---	29.759	---	---	29.711	29.735	29.780	---	---	---	1974
1975	---	---	---	---	---	29.896	29.853	29.808	29.812	29.931	29.973	---	---	1975
1976	---	---	---	---	29.778	29.719	---	---	---	---	---	---	---	1976
1977	---	---	---	---	29.691	29.849	29.589	29.508	29.488	29.449	---	---	---	1977
MEAN	29.536	29.536	29.541	29.580	29.691	29.641	29.529	29.489	29.497	29.547	29.526	29.524	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 82 30 38 N
LONG 114 22 16 W NATURAL FLOW

PROSPEROUS LAKE NEAR MCKEERKAN BAY - STATION NO. 0758014

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	22.081	21.990	21.912	22.009	22.007	21.936	21.922	---	1967
MEAN	---	---	---	---	---	22.081	21.990	21.913	22.009	22.007	21.936	21.922	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 82 31 21 N
LONG 114 09 32 W REGULATED SINCE 1941

REMARKS - WATER LEVEL DATA FROM THIS STATION ARE USED TO COMPUTE FLOW DATA FOR STATION NO. 0758002

PROSPEROUS LAKE NEAR MCKEERKAN BAY - STATION NO. 0758014

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1967	22.128 AT 0847 MST ON MAY 20 *	22.128 ON MAY 25 *	21.888 ON AUG 16 *	1967

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SLAVE RIVER AT BELL ROCK - STATION NO. 07N8003

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	5.87	5.81	---	---	---	---	1948
1949	---	---	---	---	---	5.43	---	---	---	---	---	---	---	1949
1950	---	---	---	---	5.727	5.852	5.008	5.009	4.418	---	---	---	---	1950
1951	---	---	---	---	5.713	7.138	5.782	5.728	---	---	---	---	---	1951
1952	---	---	---	---	---	---	5.485	---	---	---	---	---	---	1952
1980	---	---	---	---	---	1.852	---	---	1.127	1.456	---	---	---	1980
MEAN	---	---	---	---	5.226	5.483	5.426	5.535	3.784	1.456	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 60 01 30 N
LONG 112 05 30 W REGULATED SINCE 1988

SLAVE RIVER AT BELL ROCK - STATION NO. 07N8003

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1980	---	2.480 ON JUN 14 *	---	1980

WATER LEVELS REFERRED TO ASSUMED DATUM

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

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SLAVE RIVER AT FORT SMITH - STATION NO. 07NB002

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	21.370	21.111	19.880	19.388	---	---	---	---	1938
1939	---	---	---	---	---	22.037	---	---	---	---	---	---	---	1939
1940	---	---	---	---	21.853	---	21.700	---	---	---	---	---	---	1940
1941	---	---	---	---	20.841	---	---	---	---	---	---	---	---	1941
1942	---	---	---	---	---	22.141	21.178	19.844	19.528	---	---	---	---	1942
1943	---	---	---	---	---	21.881	21.818	---	---	---	---	---	---	1943
1944	---	---	---	---	---	21.711	20.484	19.888	19.409	---	---	---	---	1944
1945	---	---	---	---	---	21.187	20.248	19.237	19.803	18.328	---	---	---	1945
1946	---	---	---	---	---	21.882	20.828	20.088	19.223	18.728	---	---	---	1946
1947	---	---	---	---	---	22.802	21.710	21.103	20.882	---	---	---	---	1947
1948	---	---	---	---	---	23.018	21.722	21.041	---	---	---	---	---	1948
MEAN	---	---	---	---	21.387	21.838	21.188	20.188	19.434	18.528	---	---	---	MEAN

WATER LEVELS REFERRED TO ASSUMED DATUM

LOCATION - LAT 60 00 18 N
LONG 111 52 31 W NATURAL FLOW

YATHKYD LAKE NEAR KAZAN RIVER INLET - STATION NO. 08LC004

MONTHLY AND ANNUAL MEAN WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	22.523	22.827	22.992	22.894	22.378	22.336	---	---	1978
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 1														
1980	---	---	---	---	197.802	197.838	197.888	197.827	197.850	---	---	---	---	1980
1981	---	---	---	---	---	---	198.582	198.183	197.788	---	---	---	---	1981
1982	197.538	197.874	197.848	197.780	197.838	198.211	198.300	197.867	197.742	197.882	197.810	197.823	---	1982
1983	---	---	---	---	197.781	198.211	198.884	198.282	198.008	197.838	197.780	197.778	---	1983
1984	197.816	197.881	197.922	197.848	197.878	198.608	198.788	198.298	198.120	197.858	197.874	197.907	198.082	1984
1985	197.922	---	---	---	---	198.287	198.541	198.318	198.018	197.987	197.972	198.034	---	1985
1986	198.068	198.087	198.098	197.991	197.888	198.743	198.882	198.208	197.871	---	---	---	---	1986
1987	---	197.788	197.818	197.880	197.817	198.410	198.988	198.388	197.888	197.844	197.832	197.883	---	1987

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 2

LOCATION - LAT 62 41 50 N
LONG 88 18 20 W NATURAL FLOW

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

YATHKYD LAKE NEAR KAZAN RIVER INLET - STATION NO. 08LC004

ANNUAL EXTREMES OF WATER LEVELS IN METRES FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS WATER LEVEL	MAXIMUM DAILY WATER LEVEL	MINIMUM DAILY WATER LEVEL	YEAR
1978	---	22.8808 ON JUN 24	---	1978
ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 1				
1980	197.984 AT 1807 CST ON JUN 2	197.943 ON JUN 3	---	1980
1981	---	---	---	1981
1982	198.401 AT 1220 CST ON JUN 30	198.397 ON JUN 30	---	1982
1983	198.888 AT 1800 CST ON JUN 30	198.897 ON JUN 30	---	1983
1984	198.988 AT 2348 CST ON JUN 30	198.974 ON JUN 28	---	1984
1985	198.818 AT 0918 CST ON JUL 7	198.809 ON JUN 30	197.808 ON JAN 13	1985
1986	198.802 AT 1741 CST ON JUN 24	198.894 ON JUN 24	---	1986
1987	199.143 AT 2018 CST ON JUL 3	199.132 ON JUL 2	197.818 ON NOV 21	1987

ABOVE WATER LEVELS REFERRED TO ASSUMED DATUM NO. 2

WATER LEVELS FOR THE PERIOD-OF-RECORD ARE REFERRED TO SEVERAL UNRELATED DATUMS

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

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KLUANE LAKE NEAR BURWASH LANDING	09CA001	4
KUSAWA LAKE NEAR WHITEHORSE	09AC005	5
LAKE LABERGE NEAR WHITEHORSE	09AB010	6
MARSH LAKE NEAR WHITEHORSE	09AB004	7
MAYO LAKE NEAR THE OUTLET	09DC005	8
PELLY RIVER AT ROSS RIVER	09EC002	8
QUIET LAKE AT KILOMETRE 98 SOUTH CANAL ROAD	09AG002	8
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GREAT SLAVE LAKE AT RELIANCE	07SC003	22
GREAT SLAVE LAKE AT SNOWDRIFT	07OB001	22
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MACKENZIE RIVER (EAST CHANNEL) AT INUVIK	10LC002	25
MACKENZIE RIVER (KALINIK CHANNEL) NEAR REINDEER DEPOT	10LC001	25
MACKENZIE RIVER (MARCUS CHANNEL) ABOVE ONIAK CHANNEL	10LC008	27
MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT	10MC009	27
MACKENZIE RIVER (MIDDLE CHANNEL) BELOW RAYMOND CHANNEL	10LC012	27
MACKENZIE RIVER (OUTFLOW MIDDLE CHANNEL) BELOW LANGLEY ISLAND	10MC005	28
MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK	10MC010	28
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MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND	10MC001	28
MACKENZIE RIVER AT BEAVER LAKE	10MC011	29
MACKENZIE RIVER AT CAMSELL BEND	07UB001	29
MACKENZIE RIVER AT FORT GOOD HOPE	10GB002	30
MACKENZIE RIVER AT HEAD-OF-THE-LINE	10LB001	30
MACKENZIE RIVER AT KILOMETRE 1070	10FB003	31
MACKENZIE RIVER AT KILOMETRE 1291	10KD003	31
MACKENZIE RIVER AT KILOMETRE 1361	10LB003	31
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MACKENZIE RIVER AT OLD FORT POINT	10JC001	33
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08AC005	KUSAWA LAKE NEAR WHITEHORSE	5
08AE002	TESLIN LAKE AT TESLIN	10
08AG002	QUIET LAKE AT KILOMETRE 88 SOUTH CANOL ROAD	8
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